WHY ANU?

Our students
25,500 total number of students
12,800 undergraduate students
6,000 students living on campus

Our University
#1 university in Australia¹
#29 university in the world¹
#12 most international university in the world²

Our graduates
#5 most employable graduates in Australia¹
#66 most employable graduates in the world¹
$5k higher average salary for ANU graduates⁴

6 Nobel Prize winners among our staff and alumni

6 Nobel Prize winners among our staff and alumni

¹ QS World University Rankings 2020  ² Times Higher Education Rankings 2019
³ Good Universities Guide 2020  ⁴ Graduates in full-time employment in the medium-term compared to national median, Graduate Outcomes Survey 2018
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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 everything 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)

Biography

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)

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)

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)

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)

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)

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

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

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, and environmental problems in the context of research, industry and the applied health sciences. You will learn the foundations of biology as well as new areas like genomics, bioinformatics and molecular genetics.</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.</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>Tackle some of the greatest health challenges of our time with B Health Science. B Health Science draws 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. It will equip you with a broad understanding of the themes explored in advanced studies of medicine and population health with direct admission pathways to the Doctor of Medicine and Surgery and/or a vertical double degree with the Master of Public Health at ANU.</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 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>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, counselling, health and organisational (business) psychology. Students do not have a guaranteed direct pathway into Honours.</td>
</tr>
</tbody>
</table>

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

### Bachelor of Science (Honours)
- **Bachelor of Psychology**
- **Bachelor of Health Science**

**Tackle some of the greatest health challenges of our time with B Health Science.** B Health Science draws upon the

### Bachelor of Genetics & Sustainability Advanced

**Unravel the mysteries of DNA, understand how genes interact with the environment and how your heredity**

### Bachelor of Environment & Sustainability

**Learn about the scientific and social aspects of environment and sustainability as well as how to translate**

### Bachelor of Biotechnology

**Biotechnology is about applying new technologies to agriculture, food and medicine, and environmental problems**

### Bachelor of Philosophy

**The PhB gives intellectually ambitious students the flexibility to focus on research in a range of disciplines from**

### Bachelor of Sciences

<table>
<thead>
<tr>
<th>DURATION (FULL TIME)</th>
<th>SEMESTER INTAKE</th>
<th>2020 RECOMMENDED CUT-OFF</th>
<th>RECOMMENDED OP (QLD)</th>
<th>RECOMMENDED IB</th>
<th>PREREQUISITES</th>
<th>UAC CODE</th>
<th>CRICOS CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years</td>
<td>1 only</td>
<td>80</td>
<td>10</td>
<td>29</td>
<td>Chemistry+</td>
<td>138503</td>
<td>036660M</td>
</tr>
<tr>
<td>3 years</td>
<td>1 &amp; 2</td>
<td>80</td>
<td>10</td>
<td>29</td>
<td>Chemistry+</td>
<td>138201</td>
<td>091180D</td>
</tr>
<tr>
<td>4 years</td>
<td>1 &amp; 2</td>
<td>95</td>
<td>4</td>
<td>37</td>
<td></td>
<td>138202</td>
<td>091181C</td>
</tr>
<tr>
<td>3 years</td>
<td>1 only</td>
<td>90</td>
<td>6</td>
<td>34</td>
<td>Chemistry+</td>
<td>138600</td>
<td>064778J</td>
</tr>
<tr>
<td>3 years</td>
<td>1 only</td>
<td>90†</td>
<td>6</td>
<td>34</td>
<td>Successful assessment of suitability based on a supplementary form</td>
<td>138302</td>
<td>094623B</td>
</tr>
<tr>
<td>3 years</td>
<td>1 only</td>
<td>95</td>
<td>4</td>
<td>37</td>
<td>Advanced mathematics*</td>
<td>138200</td>
<td>086223G</td>
</tr>
<tr>
<td>3 years</td>
<td>1 only</td>
<td>90</td>
<td>6</td>
<td>34</td>
<td>Chemistry+</td>
<td>138403</td>
<td>036662J</td>
</tr>
<tr>
<td>4 years</td>
<td>1 &amp; 2</td>
<td>99</td>
<td>1</td>
<td>42</td>
<td>Submission of a supplementary form and two referee reports</td>
<td>138000</td>
<td>043746B</td>
</tr>
<tr>
<td>4 years</td>
<td>1 &amp; 2</td>
<td>99</td>
<td>1</td>
<td>42</td>
<td>Submission of a supplementary form and two referee reports</td>
<td>138005</td>
<td>054595K</td>
</tr>
<tr>
<td>4 years</td>
<td>1 &amp; 2</td>
<td>95</td>
<td>4</td>
<td>37</td>
<td></td>
<td>138130</td>
<td>036680G</td>
</tr>
<tr>
<td>3 years</td>
<td>1 &amp; 2</td>
<td>80</td>
<td>10</td>
<td>29</td>
<td>Some subjects require prior knowledge</td>
<td>138003</td>
<td>000339K</td>
</tr>
<tr>
<td>4 years</td>
<td>1 &amp; 2</td>
<td>95</td>
<td>4</td>
<td>37</td>
<td>Some subjects require prior knowledge</td>
<td>138004</td>
<td>065138M</td>
</tr>
<tr>
<td>3 years</td>
<td>1 &amp; 2</td>
<td>80</td>
<td>10</td>
<td>29</td>
<td></td>
<td>138123</td>
<td>047423M</td>
</tr>
</tbody>
</table>

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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 mathematics 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

† Due to the competitive and contextual nature of our selection process, we cannot guarantee entry to applicants who meet the minimum selection rank for their preferred program.
**Key facts**

**Minimum entry requirements:** 80 ATAR, 10 OP, 29 IB

For further details on admission requirements please see pages 18-21.

**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 pages 22-24 for more information.

Chemistry prerequisite. See page 25 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>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</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>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.

[science.anu.edu.au/study/bachelors/bachelor-biotechnology](science.anu.edu.au/study/bachelors/bachelor-biotechnology)
2021 Student Guide

BACHELOR OF ENVIRONMENT & SUSTAINABILITY

Key facts

Minimum entry requirements: 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 18-21.

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 pages 22-24 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.

Policy making within government
> Water management
> Environmental management
> Fire management

International development
> Food security consulting
> Climate change consulting
> Urban planning and sustainability

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major</td>
<td>Science elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Major</td>
<td>Science elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Major</td>
<td>Science elective</td>
<td>Minor</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Major</td>
<td>Science elective</td>
<td>Minor</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Major</td>
<td>Major</td>
<td>Minor</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Major</td>
<td>Major</td>
<td>Minor</td>
<td>Elective</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

W science.anu.edu.au/study/bachelors/bachelor-environment-sustainability
W science.anu.edu.au/study/bachelors/bachelor-environment-sustainability-advanced

W #21 in the world and #2 in Australia for Environmental Sciences*

*QS World University Rankings 2020

STUDENT EXPERIENCE

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.”

UAC code: 138202
CRICOS code: 091180D
# BACHELOR OF GENETICS

## Key facts

**Minimum entry requirements:** 90 ATAR, 6 OP, 34 IB  
For further details on admission requirements please see pages 18-21.

**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 pages 22-24 for more information.

Chemistry prerequisite. See page 25 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 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</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>3000 level Genetics Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Bioinformatics and its Applications</td>
<td>3000 level Genetics Elective</td>
<td>3000 level Genetics Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

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

---

## Student profile

**Jessica Cregan**  
**Bachelor of Genetics**

Jessica completed a genetic counselling internship at The Canberra Hospital as part of her biology major.

“I am so grateful to have had the experience of the internship. I have friends studying genetics at other universities and they can’t believe I got to spend a week doing this.”

---

#50 in the world and #3 in Australia for Biological Sciences*  
*QS World University Rankings 2020
**Bachelor of Health Science**

**Key facts**

**Minimum entry requirements:** 90 ATAR, 6 OP, 34 IB

Due to the competitive and contextual nature of our selection process, we cannot guarantee entry to applicants who meet the minimum selection rank for their preferred program. For further details on admission requirements please see pages 18-21.

**Duration:** 3 years full-time

**Intake:** Semester 1 only

60 domestic places available in each cohort, a minimum of 15 of which are reserved for applicants for rural students. Additional places are available for Indigenous students.

The Bachelor of Health Science can also be taken as part of a Flexible Vertical Double Degree. See pages 22-24 for more information.

Some subjects have assumed knowledge, particularly in chemistry, mathematics and physics. See page 25 for more information on bridging courses.

**UAC code:** 138302

**CRICOS code:** 094623B

**Additional requirements:** A compulsory supplementary form must be submitted by 25 May for direct applications submitted to ANU or 30 November in the year of application for UAC applications.

**Further information**

The Bachelor of Health Science offers competitive pathways into the ANU Doctor of Medicine and Surgery and Master of Public Health. Admission to the program is based on both academic record and a supplementary form where applicants showcase their individual achievements, contributions made to school and community organisations, volunteering and paid work, teamwork and leadership, and inform the selection panel of challenges faced and overcome. Access for rural and Indigenous students to reserved places aligns the program with national targets for proportional representation of the Australian society to produce graduates entering health and medicine careers.

---

**Program overview**

The Bachelor of Health Science prepares you for a future in medical, allied health and health-related professions. During the first two years, students study the foundations of human health and disease. Topics include emerging health issues within Australia and globally, health governance and policy frameworks, research methods, and human physiology and disease. Students can elect to study the pathway to medicine plan by choosing to study chemistry and biochemistry or may use the program elective to study health-related courses. The final year is an equal mix of required courses and elective choices enabling students to pursue an area of academic interest, including commencing study of the Master of Public Health within the vertical double degree study plan. A range of honours study options are available for students interested in undertaking research after year 3.

**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.

You will graduate with an impressive skillset that includes knowledge of the biomedical sciences, an understanding of the biological, social and economic factors contributing to health outcomes, and research skills related to biomedical science, population health and public health policy.

**W** [medicalschool.anu.edu.au/study/pathway-programs](https://medicalschool.anu.edu.au/study/pathway-programs)

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**Degree structure**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Health in the 21st Century</td>
<td>Human Biology</td>
<td>Applications of Health/Pre-med stream course</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>Applications of Health/Pre-med stream course</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>
<td>Elective</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>Introduction to Population Health</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
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<td>Aboriginal and Torres Strait Islander Health</td>
<td>Professional Practice in Health Science</td>
<td>Elective</td>
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</tr>
<tr>
<td></td>
<td>2</td>
<td>Health Promotion Principles and Practice</td>
<td>3000 level Science course</td>
<td>Elective</td>
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</tr>
</tbody>
</table>

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

**W** [health.anu.edu.au/study/bachelors/bachelor-health-science](https://health.anu.edu.au/study/bachelors/bachelor-health-science)
**Bachelor of Mathematical Sciences**

**Key facts**

**Minimum entry requirements:** 95 ATAR, 4 OP, 37 IB

For further details on admission requirements please see pages 18-21.

**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 pages 22-24 for more information.

Maths prerequisite. See page 25 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**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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<tbody>
<tr>
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<td>1</td>
<td>Advanced Mathematics and Applications 1</td>
<td>Introduction to Mathematical Thinking: Problem-Solving and Proofs</td>
<td>Elective</td>
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<tr>
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<td>Advanced Mathematics and Applications 2</td>
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<tr>
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<td>Applied Mathematics I</td>
<td>Advanced Analysis 1: Metric Spaces and Applications</td>
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<td>Elective</td>
</tr>
<tr>
<td></td>
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<td>Advanced Algebra 1: Groups, Rings and Linear Algebra</td>
<td>Science elective</td>
<td>Science elective</td>
<td>Elective</td>
</tr>
<tr>
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<td>1</td>
<td>3000 level MATH course</td>
<td>3000 level MATH course</td>
<td>3000 level MATH course</td>
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<td>3000 level MATH course</td>
<td>3000 level MATH course</td>
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</tr>
</tbody>
</table>

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

W science.anu.edu.au/study/bachelors/bachelor-mathematical-sciences
BACHELOR OF MEDICAL SCIENCE

Key facts

Minimum entry requirements: 90 ATAR, 6 OP, 34 IB
For further details on admission requirements please see pages 18-21.

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 pages 22-24 for more information.

Chemistry prerequisite. See page 25 for more information on the bridging course.

UAC code: 138403

CRICOS code: 036662J

Program overview

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. You can also pursue a career in pharmacy, physiotherapy, nutrition, dietetics, forensic science or health administration in the public or private sectors.

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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</thead>
<tbody>
<tr>
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<td>1</td>
<td>Biology 1: Evolution: Ecology &amp; Genetics</td>
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<td>Biology 2: Molecular &amp; Cell Biology</td>
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<td>Medical Physiology and Pharmacology</td>
<td>Genes: Replication &amp; Expression</td>
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<td>Medical Science in the Workplace</td>
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</tr>
</tbody>
</table>

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

W science.anu.edu.au/study/bachelors/bachelor-medical-science

STUDENT PROFILE

Sam Kwong
Bachelor of Medical Science

Sam started off studying business and accounting, but felt like he could make more of an impact in a laboratory.

“Working only to make money and to make the most profit wasn’t for me. I wanted to make a contribution to society, like finding a cure for disease. That’s why I chose science.”

#6 in Australia for Medicine*

*QS World University Rankings 2020
BACHELOR OF PHILOSOPHY (HONOURS) (PHB)

Key facts
Minimum entry requirements: 99 ATAR, 1 OP, 42 IB
For further details on admission requirements please see pages 18-21.
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 25 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>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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<tbody>
<tr>
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<td>1</td>
<td>Science course (Advanced Studies Extension)</td>
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<td>Science course (Advanced Studies Extension)</td>
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<td>Elective</td>
</tr>
<tr>
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<td>1</td>
<td>Science course (Advanced Studies Extension)</td>
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<td>Science course</td>
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<td>Advanced Studies Course</td>
<td>Science course</td>
<td>Science course</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
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<td>Advanced Studies Course</td>
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<td>Elective</td>
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<td>Honours</td>
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</tbody>
</table>

*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/bachelors/bachelor-philosophy-honours
W programsandcourses.anu.edu.au/program/APNSC
BACHELOR OF PSYCHOLOGY (HONOURS)

Key facts

Minimum entry requirements: 95 ATAR, 4 OP, 37 IB
For further details on admission requirements please see pages 18-21.

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 programs 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>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Psychology 1: Understanding Mind, Brain and Behaviour</td>
<td>Science elective</td>
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<tr>
<td></td>
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<td>Psychology 2: Understanding People in Context</td>
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<td>Elective</td>
<td>Elective</td>
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<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>
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<td>Psychopathology Across the Lifespan</td>
<td>Advanced Research Methods</td>
<td>3000 level PSYC course</td>
<td>Elective</td>
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<tr>
<td></td>
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<td>Personality Psychology</td>
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</tr>
</tbody>
</table>

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

W health.anu.edu.au/study/bachelors/bachelor-psychology

ACADEMIC PROFILE

Dr Dirk Van Rooy
Research School of Psychology

Dr Van Rooy is a senior lecturer in social psychology. As a social psychologist he investigates, among many other things, prejudice, discrimination, and social influence.

#31 in the world and #5 in Australia for Psychology*

*QS World University Rankings 2020
TURN YOUR PASSION INTO YOUR CAREER

Programs and courses at ANU to create a future like no other:

- Science
- Mathematics
- Physics
- Biology
- Environment, Earth & Marine Sciences
- Health & Psychology
- Bachelor of Science
- Bachelor of Genetics
- Bachelor of Biotechnology
- Bachelor of Medical Sciences
- Bachelor of Health Science
- Bachelor of Science (Advanced) (Honours)

Career possibilities:

- Biochemist
- Botanist
- Forensic Scientist
- Entomologist
- Science Magazine Editor/Writer
- Wildlife Biologist
- Microbiologist
- Conservation Biologist
- Biomedical Scientist/Researcher
- Immunologist
- Animal Behaviourist
- Biotechnologist
- Biochemical Geneticist
- Clinical Researcher
- Food and Drug Inspector
- Bachelor of Biotechnology
- Bachelor of Medical Science
- Bachelor of Psychology (Honours)
- Bachelor of Science (Psychology)
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours)

Degree options:

- Bachelor of Science
- Bachelor of Environment & Sustainability
- Bachelor of Environment & Sustainability Advanced (Honours)
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours)

Areas of study that I enjoy:

- Bachelor of Science
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours)

- Teacher
- Scientist
- Engineer
- Designer
- Communicator

Career path:

- Environment, Earth & Marine Sciences
- Maths
- Physics

TURN YOUR PASSION INTO A CAREER

Waste and Water Resource Specialist
- International Development Consultant
- Fire Consultant
- Forester
- Environmental Reporter
- Geologist
- Oceanographer
- Geophysicist
- Geobiologist/Chemist
- Marine Biologist
- Seismologist
- Sustainability and Climate Consultant
- Science Journalist/Communicator
- Teacher
**Key facts**

**Minimum entry requirements:** 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 18-21.

**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 pages 22-24 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
- counselling
- child development and welfare
- health and human services
- education, and
- clinical practice.

**Degree structure**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Psychology 1: Understanding Mind, Brain and Behaviour</td>
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<td>Elective</td>
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<tr>
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<td>2</td>
<td>Psychology 2: Understanding People in Context</td>
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<tr>
<td>2</td>
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<td>Developmental Psychology</td>
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<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>
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<tr>
<td></td>
<td>2</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.

**STUDENT PROFILE**

**Brianna Woodhead**

**Bachelor of Laws/ Bachelor of Science (Psychology)**

“I chose to study psychology because it’s such a big part of life. Studying psychology will enable me to understand, relate with, and help everyone around me. I know it sounds idealistic, but wherever I end up working, that will be one thing that will be useful wherever I go.”

#31 in the world and #5 in Australia for Psychology*

*QS World University Rankings 2020

[Visit W health.anu.edu.au/study/bachelors/bachelor-science-psychology]
**Bachelor of Science**

**Key facts**

**Minimum entry requirements:** 80 ATAR, 10 OP, 29 IB

For further details on admission requirements please see pages 18-21.

**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, Flexible Vertical Double Degree, or combined with a Master of Secondary Teaching from the University of Canberra. See pages 22-24 for more information.

Some subjects have assumed knowledge, particularly in chemistry, mathematics and physics. See page 25 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>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
<th>Course 4</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major</td>
<td>Minor</td>
<td>Science Elective</td>
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<td>Major</td>
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<tr>
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<td>Science Elective</td>
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<tr>
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<td>2</td>
<td>Major</td>
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<td>Science Elective</td>
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<tr>
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<td>1</td>
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<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.

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**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.

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W science.anu.edu.au/study/bachelors/bachelor-science

W science.anu.edu.au/study/bachelors/bachelor-science-advanced
Apply direct to ANU

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 in 2020, wanting to apply for an undergraduate program that starts in 2021.
   - Undergraduate Australian students who apply to commence study at ANU in 2021 will be given an offer based on their Year 11 performance – they just need to complete Year 12. Students who didn’t do as well as hoped in Year 11 should not worry. With the aim of being as flexible as possible, if a student’s Year 12 results are better, we can look at those instead of their Year 11 results.
   - Australian school leavers mean those who will complete an Australian Year 12 or International Baccalaureate Diploma (November session).
   - You can also apply for campus accommodation and all available scholarships in the same application.

2. Consider which programs are best for you
   - Choose from over 50 bachelor degrees, or combine degrees to study a flexible double degree program. To find out which degree suits your interests and career goals, see pages 6 to 17, or check out the career wheel on pages 14 and 15 for some career possibilities.
   - 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 page 5.

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 20 and 21.

4. Apply direct to ANU
   - Great work! You’re now ready to apply.
   - Remember applications open on 4 March 2020 and close on 25 May 2020.

Apply through UAC

If you do not meet the criteria to submit a direct application to ANU, don’t worry, 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.

Direct application dates

- 4 March 2020  
  Direct applications to ANU open
- 25 May 2020  
  Direct applications to ANU close
- 10 August 2020  
  Conditional offers released
- 7 September 2020  
  Conditional offer acceptance deadline
- 14 December 2020  
  ATARs begin to be released
- From late December 2020  
  Final offers begin to be released
- January 2021  
  Final offer acceptance deadline
- 15 February 2021  
  ANU Orientation Week
- 22 February 2021  
  Classes commence

UAC application dates

- August 2020  
  UAC applications open
- 2021 Closing date  
  Refer to uac.edu.au
ANU Bachelor degree programs with a minimum selection rank requirement of 80.00-97.00 may receive up to 5 subject/performance-based and 10 equity-based adjustment factors. ANU Bachelor degree programs with a minimum selection rank requirement of 98.00 or above may receive up to 5 equity-based adjustment factors. ANU allocates National Access Scheme adjustment factors for high achievement in nationally strategic senior secondary subjects and in recognition of difficult circumstances that you may have faced in your studies. Refer to anu.edu.au/study/apply/national-access-scheme

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.

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>Up to 6</td>
<td>F01A–Youth Allowance/Austudy/Abstudy</td>
</tr>
<tr>
<td></td>
<td>Up to 6</td>
<td>F01B–Other Centrelink income</td>
</tr>
<tr>
<td></td>
<td>Up to 6</td>
<td>F01C–Exceptional financial hardship</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>F01D–Parental Family Tax Benefit Part A</td>
</tr>
<tr>
<td>Severe family disruption</td>
<td>Up to 5</td>
<td>H01A–Death of immediate family member/close friend</td>
</tr>
<tr>
<td></td>
<td>Up to 5</td>
<td>H01B–Life-threatening or severe illness of immediate family</td>
</tr>
<tr>
<td></td>
<td>Up to 5</td>
<td>H01C–Divorce or separation of parents or applicant</td>
</tr>
<tr>
<td></td>
<td>Up to 5</td>
<td>H01D–Legal matters</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>H04B–Currently or previously placed with an OOHC provider</td>
</tr>
<tr>
<td>Refugee status</td>
<td>6</td>
<td>R01A–Refugee status</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EAS type</th>
<th>Equity adjustments</th>
<th>EAS category and description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excessive family</td>
<td>Up to 6</td>
<td>H03A–Care of children/other family members</td>
</tr>
<tr>
<td>responsibility</td>
<td>Up to 6</td>
<td>H03B–Required to work to support family</td>
</tr>
<tr>
<td></td>
<td>Up to 3</td>
<td>H03C–Sole responsibility for care of self</td>
</tr>
<tr>
<td>Abuse</td>
<td>Up to 5</td>
<td>H04A–Abuse to applicant, parent/s, or sibling/s</td>
</tr>
<tr>
<td>English language</td>
<td>Up to 3</td>
<td>L01A–ESL/started school in Australia in Year 11 or 12</td>
</tr>
<tr>
<td>difficulty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personal illness /</td>
<td>Up to 5</td>
<td>P01A–Disability or long-term medical condition</td>
</tr>
<tr>
<td>disability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School environment</td>
<td>Up to 5</td>
<td>S01A–Rural school</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Up to 5</td>
<td>S01D–Studying Year 12 subjects by distance education or Access program</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>AG01 – Residing in a low socio-economic area.</td>
</tr>
</tbody>
</table>

Disclaimer: Correct at time of print May 2020. Adjustment factors are reviewed annually, please refer to anu.edu.au/study/apply/anu-adjustment-factors

Elite Athlete 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 adjustments.

- anu.edu.au/students/health-safety-wellbeing/access-inclusion/anu-student-elite-athlete-program
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.

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 your 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, see: anu.edu.au/study/apply

* If you are a domestic Australian school leaver in 2020, wanting to apply for an undergraduate degree starting in 2021.
### Community engagement

- Leadership in Community Engagement
- Member of a Community or School-based Club
- Student Council
- School Captaincy
- Girl Guides, Scouts, Cadets (or similar)
- Caring for a family member or individual with specific needs (Primary and Secondary carer roles included)

### Inclusion & awareness of diversity

### Communication

### Leadership

### Personal responsibility

### Teamwork

### Creative & critical thinking

### Academic Extension Activities

- Research Programs
- Summer Academic Programs
- Academic Enrichment Programs
- International Academic Exchange

### Educational and Scholastic Activities

- Educational Competition, Test or Challenge (Individual)
- Educational Competition, Test or Challenge (Team)
- International Educational Competition, Test or Challenge (Individual)
- International Educational Competition, Test or Challenge (Team)
- Youth Forums
- International Youth Forums
- United Nations Youth Association or Youth Parliament
- Public Speaking
- Model United Nations or Debating
- Conducting an Animal Show/Exhibition

### Community and Service Activities

- Volunteering
- Leadership in Community Engagement
- Member of a Community or School-based Club
- Student Council
- School Captaincy
- Girl Guides, Scouts, 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)
- Writing
- Poetry
- Creative Art (Team)
- Creative Performance (Individual)
- Creative Performance or Production Cast or Crew member (Group)
- Lead Performer or Lead Crew Member of a Creative Production

### Duke of Edinburgh

- Gold or Silver Award

### Employment

- Paid Employment
- Work Experience

### Gaming, Sport and Fitness Activities

- Sport, Games and Online Gaming (Individual)
- Sport, Games and Online Gaming (Team)
- Coaching or Leading a Sport, Game or Online Gaming Activity
- Umpiring a Sport, Game or Online Gaming Activity

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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](http://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
- Science

**Master options**

- Environment
- Public Health
- Science

**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 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)
## Flexible Double Degrees

Looking for a degree with your name on it? Design your own Flexible Double Degree by choosing from over 750 possible degree combinations.

### Arts, Social Sciences, Business or Science

**Four years full-time**

Combining any two of the following degrees:

<table>
<thead>
<tr>
<th>Bachelor of</th>
<th>2019 Selection Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>87</td>
</tr>
<tr>
<td>Actuarial Studies</td>
<td>97</td>
</tr>
<tr>
<td>Applied Data Analytics</td>
<td>95</td>
</tr>
<tr>
<td>Archaeological Practice</td>
<td>80</td>
</tr>
<tr>
<td>Art History and Curatorship</td>
<td>80</td>
</tr>
<tr>
<td>Arts</td>
<td>80</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>80</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>80</td>
</tr>
<tr>
<td>Business Administration</td>
<td>86</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>80</td>
</tr>
<tr>
<td>Commerce</td>
<td>86</td>
</tr>
<tr>
<td>Criminology</td>
<td>80</td>
</tr>
<tr>
<td>Design</td>
<td>A+C</td>
</tr>
<tr>
<td>Development Studies</td>
<td>80</td>
</tr>
<tr>
<td>Economics</td>
<td>87</td>
</tr>
<tr>
<td>Environment and Sustainability</td>
<td>80</td>
</tr>
<tr>
<td>European Studies</td>
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<td>Finance</td>
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</tr>
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<td>Genetics</td>
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<td>International Security Studies</td>
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<td>Languages</td>
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</tr>
<tr>
<td>Mathematical Sciences</td>
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<td>Medical Science</td>
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<tr>
<td>Middle Eastern and Central Asian Studies</td>
<td>80</td>
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<td>Music</td>
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<tr>
<td>Politics, Philosophy and Economics</td>
<td>96</td>
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<tr>
<td>Science</td>
<td>80</td>
</tr>
<tr>
<td>Science (Psychology)</td>
<td>80</td>
</tr>
<tr>
<td>Statistics</td>
<td>87</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>A+C</td>
</tr>
</tbody>
</table>

A+C: Minimum selection rank + conditions apply including interview/portfolio.

1. Entrance to performance courses are by audition. See [music@anu.edu.au](mailto:music@anu.edu.au)
2. Commerce with an accounting major cannot be combined with Bachelor of Accounting.
3. Commerce with a finance major cannot be combined with Bachelor of Finance.
4. Program includes another prerequisite in addition to minimum selection rank. See pages 4-5.
5. The degrees of Biotechnology, Genetics and Medical Sciences cannot be combined with one another. The degrees of Advanced Computing and Software Engineering cannot be combined with Information Technology.
6. The Bachelor of Engineering (R&D) (Hons) cannot be combined with any of these degrees.

### Law

**Five years full-time**

Choose:

<table>
<thead>
<tr>
<th>Bachelor of</th>
<th>2019 Selection Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laws (Hons)</td>
<td>96</td>
</tr>
<tr>
<td>and combine with one of the following degrees</td>
<td></td>
</tr>
<tr>
<td>Accounting</td>
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<td>Statistics</td>
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<tr>
<td>Visual Arts</td>
<td>A+C</td>
</tr>
</tbody>
</table>

### Engineering or Advanced Computing

**Five years full-time**

Choose one of the following degrees:

<table>
<thead>
<tr>
<th>Bachelor of</th>
<th>2019 Selection Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Computing (Hons)</td>
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</tr>
<tr>
<td>Advanced Computing (R&amp;D) (Hons)</td>
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</tr>
<tr>
<td>Engineering (Hons)</td>
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</tr>
<tr>
<td>Engineering (R&amp;D) (Hons)</td>
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</tr>
<tr>
<td>Software Engineering (Hons)</td>
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</tr>
<tr>
<td>and combine with one of the following degrees</td>
<td></td>
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</tr>
<tr>
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<td>A+C</td>
</tr>
</tbody>
</table>

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PUTTING THEM TOGETHER

The courses you take will depend on the structure of your degree and any majors or areas of specialisation you choose to focus on during your studies at ANU.

Single Degree
e.g. Bachelor of Science

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

Flexible Double Degree
Four year double degree e.g. Bachelor of Science/Bachelor of Arts

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
<th>Courses</th>
<th>Courses</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Science Major</td>
<td>Science Minor</td>
<td>Arts Major</td>
<td>Arts Minor</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Science Major</td>
<td>Science Minor</td>
<td>Arts Major</td>
<td>Arts Minor</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Science Major</td>
<td>Science Minor</td>
<td>Arts Major</td>
<td>Arts Minor</td>
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<tr>
<td>3</td>
<td>1</td>
<td>Science Major</td>
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<td>Arts Elective</td>
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<td>2</td>
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<td>Science Major</td>
<td>Science elective</td>
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<tr>
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Flexible Vertical Double Degree
Four year vertical double degree e.g. Bachelor of Science/Master of Science in Quantum Technology

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<td>Science Elective</td>
<td>Physics for Future Leaders (Science &amp; Society)</td>
<td>Quantum Technology Elective</td>
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<td>Rapid Prototyping and Systems Integration</td>
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<td>Quantum Industry (Science &amp; Society)</td>
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FEES, SCHOLARSHIPS & PATHWAYS

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
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.

Molly Folkard
Bachelor of Environment & Sustainability

As part of an internship through the Fenner School of Environment and Society, Molly has just written Australia’s food waste strategy.

“There’s one orange farm near Sydney that can’t get the price that will make it worth picking the oranges off the tree. Ozharvest now goes and picks them and puts them in vending machines around Sydney that do fresh orange juice. It’s a really cool way to make sure the food is getting used, but is also educating the community.

“I just thought this was going to be like another course at uni, but I didn’t realise it would lead to a honours or a job.”

Applications for 2021 internships

Semester 1:

Semester 2:
Applications open early May 2021, close late May 2021.

W science.anu.edu.au/study/internships-careers
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.

**Foundations of Astrophysics**

**ASTR2013, offered by the Research School of Astronomy and Astrophysics**

Learn about the key components of galaxies – dark matter, stars and gas, and how their masses and other properties are measured. Students will also gain practical experience with astronomical observations with a field trip to the Siding Spring Observatory.

*W science.anu.edu.au/study/field-trips*
Our new $240-million science precinct on the ANU campus has state-of-the-art biological and chemical research laboratories, as well as a teaching hub.

In partnership with the ACT Government and CSIRO, we are working to improve biodiversity at the “outdoor laboratories” of Mulligans Flat and Goorooyarroo Nature Reserves in the Canberra Nature Park.

ANU is part of an international partnership to design and build the world’s largest optical telescope: the Giant Magellan Telescope (GMT).

ANU is home to the fastest super computer in the southern hemisphere at the $50-million National Computational Infrastructure.

You can study ecological farming principles and holistic landscape management at our rural field station at Mulloon Creek.

Our Heavy Ion Accelerator Facility is the one of the largest in the world, supporting Australia’s only experimental nuclear physics program.
The Australian Plant Phenomics Facility at ANU is the only place in the world that provides high-calibre public sector access to infrastructure and expertise on crop performance.

The Australian Plasma Fusion Research Facility is a uniquely versatile resource for developing fusion energy.

The ANU Siding Spring Observatory in north-west New South Wales is Australia’s premier optical and infrared observatory, housing the state-of-the-art SkyMapper telescope.

The Sensitive High Resolution Ion Microprobe (SHRIMP) for analysing geological materials was designed and developed at ANU.

The Kioloa Coastal Campus is one of the university’s research facilities and field stations, providing a range of accommodations, teaching, research as well as meeting, conference, performance and workshop facilities.

The Australian Phenomics Facility at ANU specialises in mouse models of human disease and is one of Australia’s foremost genomics and bioinformatics capabilities.

The $30-million Advanced Instrumentation and Technology Centre at our Mount Stromlo Observatory is a world-class facility for developing space instruments.

w science.anu.edu.au/research/facilities