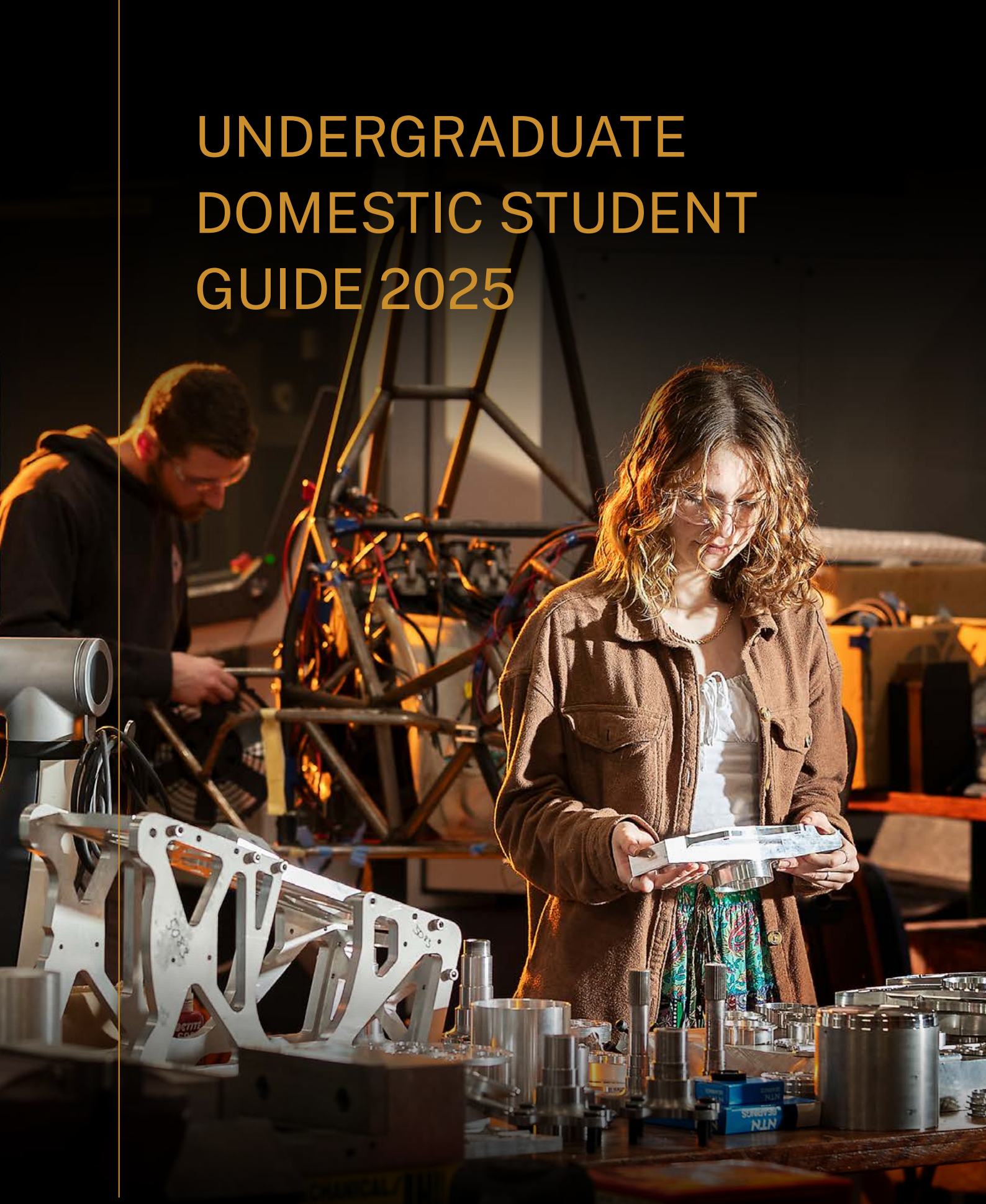
UNDERGRADUATE DOMESTIC STUDENT GUIDE 2025



Australian National University

ANU College of Engineering, Computing & Cybernetics

DISCOVER THE DIFFERENCE YOU CAN MAKE

Australian National University (ANU) is driven by a culture of excellence in everything we do. ANU leads in Australia for the best student-to-staff ratio[1] and ranks first in the country for graduate employability[2].

“There’s just one thing we ask of our students, that one day you will change the world. We will give you the tools, skills and the ability to go out and make those changes,” Professor Tony Hosking, Director ANU School of Computing.

The ANU College of Engineering, Computing and Cybernetics (CECC) implements our disciplines through education and research, necessary to help us design, build, regulate and secure the future.

CECC brings together expertise in social, technical, computational, ecological and scientific systems to build a new approach to systems design and build new national capabilities. Our researchers and academics are solving the world’s most complex challenges. You will be inspired to become a problem finder, comfortable with ambiguity and complexity as it applies to engineering, computing, and cybernetics.

1. THE World University Rankings 2024
2. THE Global University Employability Rankings 2023-2024

Acknowledge of Country

The Australian National University acknowledges, celebrates and pays our respects to the Ngunnawal and Ngambri people of the Canberra region and to all First Nations Australians on whose traditional lands we meet and work, and whose cultures are among the oldest continuing cultures in human history.

YOUR PLACE IS HERE

WORLD RANKINGS

#38
in the world in Automation and Control
(Global Ranking of Academic Subjects 2023)

#58
in the world for Electrical and Electronic Engineering
(QS 2023 rankings)

#56
in the world in Computer Science & Information Systems
(QS 2023 rankings)

#80
in the world in the area of Engineering & Technology
(QS 2023 rankings)

5 REASONS WHY ANU IS FOR YOU

1 Learn in new and exciting ways

Our leading academics encourage you to channel your creativity, critical thinking and problem solving when approaching all tasks. Through our practical and hands on courses you will learn to think differently and tackle problems in innovative ways.

2 Small, interactive classes taught by world-leading academics

ANU encourages open communication and collaboration between students, lecturers and tutors.

Our student-teacher ratios is the best in Australia and our staff are ranked 1st for Staff Qualifications in Australia (Good Universities Guide 2023).

3 World-class facilities

At CECC we believe the best learning is done by doing. Design, print and experiment in one of our many ANU MakerSpaces. You will have access to world-class equipment and resources to help you through your studies. ANU is also home to the most powerful supercomputer in the Southern Hemisphere, a high-flux solar simulator, and the 'Big Dish' solar concentrator.

4 Receive an early offer

In early September, ANU makes offers for admission, scholarships and guaranteed accommodation for your first year to Year 12 students. Apply fee-free directly to ANU between March and May and go back to getting the most from your last year at high school.

5 Supportive community

Our students come from diverse backgrounds — and some are the first in their family to go to university. At ANU will have access to a range of resources, student groups and services to help you make the most of your first year at uni!

Ashley Lamont
Bachelor of Computing

"Studying at ANU has been a great experience, you're exposed to so many different areas of computing, and you have the room to explore other topics from across the whole university, which helps you to build a really personalised and well rounded university career."

YOUR JOURNEY TO ANU

We're here for you at each stage along your journey to ANU.

We offer a variety of opportunities for you to visit the campus, meet our lecturers and current students and get a real taste of what it's like to study at CECC. These are just some of the opportunities for you to experience ANU before you finish high school.

Get Set

Years 9-11

GET Set is our annual workshop for girls in years 9–11 interested in pursuing further study in the areas of engineering and technology. Each year, students gather on campus for a first-hand experience of being an Engineering or Computing student at ANU. Code, experiment, build and prototype in a variety of workshops over two days, all while experiencing the beauty of our campus.

ANU Open Day

ANU Open Day is an annual event for prospective students and their families to explore the University. You can tour the campus, attend information sessions and talk to our staff and students about our degrees. Open Day is your chance to find your place at ANU.

Find out more
openday.anu.edu.au

National Indigenous Engineering School

Year 12

The National Indigenous Engineering School brings Indigenous students from around the country to the Australian National University, situated on traditional lands of the Ngunnawal and Ngambri peoples.

We welcome you to join us at the Tjabal Centre, the home-away-from-home for many Indigenous students and experience the academic and social program.

The National Indigenous Engineering School focusses on why centering Country in engineering is so important to the community. This program offers you an exciting opportunity to develop and test ideas that drive change towards a more equitable and sustainable future. The Tjabal and Bandalang studio team are thrilled to share this journey of learning and discovery with you.

Over 3-days Engineering for Country offers you a unique opportunity to explore a range of hands-on engineering activities and gain insights into the types of jobs you can get by going to university, particularly the varied work opportunities of an Engineering degree, including unusual areas like finance! You will also participate in group discussions and mentoring sessions.

HOW TO APPLY

Picture yourself studying in small classes with exceptional teachers and researchers and taking part in industry internships unique to the national capital.

There are two ways you can apply to study at the Australian National University, depending on whether you're a Year 12 school leaver or someone who left school a while ago.

Find out more
study.anu.edu.au/apply

We are honoured to be ranked as Australia's leading university by the measures that matter

1st
lowest Student-to-Staff ratio in Australia
(Good Universities Guide 2023)

1st
Australia's most International outlook
(THE World University Rankings 2024)

1st
staff qualifications in Australia
(Good Universities Guide 2023)

1 ASA: Admissions, Scholarships and Accommodation

The central application process for Domestic Undergraduate students is through our ASA applications.

You can apply for your program, scholarships and accommodation all in one direct and free application form.

Open from **March to May each year**, ASA assesses your Year 11 grades and estimated ATAR (if applicable) to provide us with an 'ANU Selection Rank'. Based off this number, you could receive an offer in September of your final year of high school! In this one form you will also be considered for any scholarships you might be eligible for, and if a second stage of application is required for a specific scholarship, our team will reach out to you.

Application dates to begin in February 2025

Applications open	1 March 2024
Applications close	13 May 2024
Early offers released	2 September 2024
Early offer acceptance deadline	2 October 2024
Final offer acceptance deadline (dependent on ATAR release date)	January 2025

Login to the ANU application portal
apply-asa.anu.edu.au/anu/

Direct applicants

Learn how to complete each step in the ANU application portal.

Step-by-step video

2 UAC: University Admissions Centre

If you missed the ASA applications or are a non-school leaver, you can apply through UAC. Offers through UAC are most commonly made based on your ATAR or equivalent and your Year 12 results. ANU participates in the December and January main offer rounds.

Find out more
uac.edu.au

Narryna Nicholas

Bachelor of Advanced Computing (Honours)

"I am part of the Tuckwell Scholarship Program. This experience has truly been life-changing; not only does the scholarship provide substantial financial help, but it also has provided me with a community of highly motivated, caring, and interesting people."

YOUR EXPERIENCE

Clubs and Societies

ANU Solar Racing

Be a part of the worlds most watched innovation challenge - help build ANU solar car for the Bridgestone World Solar Challenge (BWSC).

The ANU Solar Racing team are a group of passionate students dedicated to promoting sustainable innovation and renewables in our community and beyond. Their primary objective is centred around designing and constructing a solar-powered vehicle for participation in the BWSC. This biennial competition sees teams from across the globe pushing the limits of innovation as they attempt to drive their solar-powered cars over a 3,000km stretch through the Australian desert, from Darwin to Adelaide.

ANU Women* in STEM Leadership Conference

ANU Women in STEM host a three-day conference to bring together the community at ANU. They welcome all female, femme-aligned and non-binary undergraduate students to join. They are a growing society that is committed to keeping members up to date on upcoming opportunities in STEM as well as hosting coffee catch-ups, talks and social events throughout the year.

ANU Fifty50

Fifty50 is a student-led organisation at ANU that strives to close the gender gap in STEM, focusing on mentoring, increasing the visibility of role models and engaging the wider ANU community in STEM gender equity. They engage all genders in promoting gender equity and run social, educational and career-focused events, as well as a mentoring program for first year students.

Robogals Canberra

Robogals is an international, not for profit student-led organisation which aims to inspire, engage and empower young women to pursue careers in STEM fields. The Robogals deliver fun, engaging workshops for local and regional primary, high school and college students. As a member of Robogals you gain hands on experience with robotics with the added benefit of helping young kids discover how fun studying STEM can be.

ANU Formula Sport

ANU Formula Sport is an interdisciplinary team driven by the goal of designing, building, and racing a formula-style car for the annual Formula Society of Automotive Engineers (FSAE) Competition.

The competition attracts a variety of both national and international student teams who compete in a diverse range of technical and business events filled with strategising and quick problem solving.

ANU Rocketry

ANU Rocketry is a student-led initiative that provides ANU students with hands-on experience in large scale engineering projects in the aerospace industry.

Their ongoing mission is to design, simulate, develop and produce high-powered rockets that will launch to 10,000ft and 30,000ft in a safe and accurate manner.

ANU Rocketry's goal is to attempt a space launch in 2025 and become the first Australian university to complete a space flight.

Computer Science Students' Association

The ANU Computer Science Students' Association (CSSA) is a society for students interested in all aspects of computer science, software engineering, digital humanities and related fields! They organise regular academic and social events, run events with industry partners, and conduct a variety of other activities for the benefit of our members and the wider ANU community. Visit their common room on ground floor CSIT (N102) to keep up to date with all CSSA goings-on.

Engineers Without Borders

Engineers Without Borders (EWB)'s vision is to harness the potential of engineering to create an equitable reality for the planet and its people. Through partnership and collaboration, EWB focus on developing skills, knowledge and appropriate technology solutions. Anyone can contribute – you don't need to be an engineer – and there are plenty of ways to be involved within the ACT Chapter, from Youth Outreach programs, to regular knowledge sharing events.

Engineering Students Association (ESA)

The Engineering Students Association (ESA) is a non-profit student organisation run by the students, for the students. They have three key ambitions: enable a stronger sense of community among engineering students and the wider STEM community, act as an interface for course and degree-relevant guidance between old and new students, and help students connect with industry and academic personnel to help kickstart their careers.

Global opportunities

Enhance your ANU learning experience and take advantage of international opportunities which can be credited towards your degree. There are plenty of options available from internships, short term programs through to a full year abroad. Broaden your educational experience and kick-start your career once you graduate!

Student Exchange

With opportunities to practice a language, discover a new culture and explore different perspectives, the global programs of our 180 partners in 39 countries will build your knowledge, life skills and networks – and look amazing on your resume.

You can study abroad for two weeks, during your summer study break, or for a whole semester or year.

Short course options

Short-courses range from 3-6 weeks. They typically take place during summer or winter break and many can be used as credit towards your degree.

Find out more
anu.edu.au/students/careers-opportunities/global-programs

Community Impact

CECC collaborates with a range of for-purpose organisations including Engineers Without Borders Australia (EWB), the Centre of Appropriate Technology, and organisations established by ANU engineering alumni such as Abundant Water, Okra Solar, and Enable Interactive. Our programs provide opportunities for students to work on projects identified by these partners, including short-term immersive travel, research, and internships, creating impact from your studies. These efforts can be recognised through the McCusker Prize in Humanitarian Engineering, providing up to three $7,500 prizes per student to support students establishing a career or expertise in this critical area of engineering practice.

INNOVATIVE TEACHING

Escape room

One room, 60 minutes, five puzzles and the only way out is to solve them. That's the challenge facing students at the ANU School of Computing.

Tapping into a global trend of escape rooms — where participants are locked in a room and must solve puzzles in order to get out — the innovative teaching exercise is the creation of Senior Lecturer Dr Bernardo Pereira Nunes. It aims to teach computational thinking, problem-solving and collaboration, while having a bit of fun.

Students enrolled in the Software Design Methodologies course were invited to organise themselves into teams and choose a time slot to try their luck. Each of the puzzles addresses different topics taught in the course, including software testing, design patterns and unified modeling language (UML).

Find out more
cecc.anu.edu.au/news/2022/10/07/escape-room-unlocks-inventive-path-to-learning

Discovering Engineering

In the first year course Discovering Engineering, you are introduced to a variety of essential technical and non-technical skills that engineers need through an open-ended project: to design and build a robot rover that can autonomously navigate through a maze.

The course is structured around the ANU Systems Engineering Process, including project scoping, requirements analysis, concept generation, prototyping, building and testing, and implementing a solution. You are taught the basic electronics, coding and problem solving that you will need for the project. You will work in teams to develop your collaboration, communication and project management skills. This is complemented by learning the importance of reflective and ethical professional practice, providing a range of fundamental skills needed by a modern engineer.

Find out more
cecc.anu.edu.au/news/2023/05/31/anu-robots-vs-maze

REAL-WORLD EXPERIENCE

School of Computing - TechLauncher

TechLauncher is an initiative which enables students at ANU to develop and exhibit research and professional skills while bringing great ideas to life and positively impacting society. Industry, non-profits and government organisations collaborate with CECC students and researchers to develop, prototype and launch solutions to real world problems.

Students practice and develop competences in the context of their discipline (such as computer science) but they also gain experience such as working collaboratively on projects, communications and stakeholder management, critical thinking, design, teamwork and time management. These are all skills valued by investors, colleagues and employers.

Find out more
cecc.anu.edu.au/engage/techlauncher

School of Engineering - Capstone

In the Capstone Design Project, you will work with fellow students as an independent team to deliver a real-world project.

Capstone exposes you to an authentic engineering experience, allowing you to display the systems engineering, technical engineering, and professional knowledge and skills that you have developed during your degree.

This course prepares you to have the autonomy required to be professionals in your field and gives students the practical experience and skills you need as a engineer.

Find out more
cecc.anu.edu.au/engage/capstone

WORK INTEGRATED LEARNING

Computing Internship Program

The ANU Computing Internship Program provides Masters and 4th year Undergraduate students the opportunity to undertake a one semester internship in a technology industry environment to apply technical skills and build professional skills. The placements with local, interstate, and international industry and government organisations are an assessable part of the student's degree.

Students are matched with hosts to allow them the opportunity to work with industry, applying knowledge and skills learnt in their courses to solve real world challenges. This valuable work experience connects students with future employers and helps students demonstrate initiative and adaptability while growing their communication and networking skills.

Engineering Internship Program

The ANU Engineering Internship Program is designed for both Undergraduate and Postgraduate engineering students to experience a real-life engineering workplace. The aim of this course is to use the internship experience to enable you to develop your engineering skills and practice. You will undertake industry placements and be assessed for academic credit. The internship will be aligned with the aims of the engineering program and your areas of specialisation. You will be able to demonstrate functioning engineering knowledge, and identify areas of further development for your future career. Internships also allow you to build your network within the industry preparing you for future employment opportunities.

"Of all the experiences I had throughout my Engineering degree, nothing prepared me better for the world beyond university than my time spent doing an internship. The hands on experience has been invaluable to me."

Solomon Jones

Internship, SRA Solutions
SmartBin, Capstone program

RESEARCH LED EDUCATION

School of Computing

The ANU School of Computing is a transformative centre for research in artificial intelligence and machine learning, computer systems and software, and theoretical foundations of computing. Students can participate in research that spans traditional computer science, data science and computational science.

Computing students at ANU have the chance to help seek creative solutions for the great challenges of our age. Students will experience research led teaching, where lectures feature examples from recently published papers by the lecturer or guest lecturers. They also have the opportunity to explore computing further in Honours research projects and summer research scholarships.

Find out more
comp.anu.edu.au/research

School of Engineering

The ANU School of Engineering focuses on world leading traditional and interdisciplinary research in aerospace, mechatronics, energy, telecommunications and environmental engineering. Engineering students at ANU are exposed to research led education in multiple ways:

- Our systems courses are built around engineering design principle and provide repeated exposure to research methods and projects.
- Our major courses provide students the opportunity to learn industry-leading simulation and hardware tools.
- Our capstone and project courses enable students to draw on the advanced knowledge and research methods they have gained throughout the degree and apply them to their project.

Find out more
eng.anu.edu.au/research

WORLD-CLASS FACILITIES

ANU MakerSpace

The ANU MakerSpace has a wide range of tools and appliances available, including power tools, 3D printers, laser cutters, soldering and testing equipment.

The space can be used for education, research, and even personal hobbies.

MakerSpace is available to all our students to experiment, investigate, prototype and solve problems.

Find out more
makerspace.anu.edu.au

Solar reserach facilities

Solar photovoltaics (PV) research at ANU is at the global cutting edge. It spans the entire spectrum of solar electricity technologies — from solar forecasting, to fabricating high-efficiency PV cells, to integrating renewables with storage capacity into the grid. Our world-leading silicon solar cell research includes advanced defect characterisation, surface passivation, optoelectronics and manufacturing.

ANU solar laboratories and facilities enable the fabrication and characterisation of high-efficiency silicon and perovskite solar cells. We also maintain tools for state-of-the-art laser processing, industrial solar cell manufacturing and rapid-throughput characterisation.

Big Dish

The ANU Generation II Big Dish solar concentrator is the world's largest paraboloidal dish solar concentrator, with 489m2 of mirror aperture area.

It produces an average concentration of 2,100 suns over a disk with diameter 530mm, with a peak concentration of 14,000 suns.

The ANU prototype delivers experimental data to investigate energy conversion processes, inform design improvements, and support efforts to licence and commercialise the technology.

Robotics and drones

We conduct fundamental research for unmanned vehicle technologies, particularly aerial robots.

We are co-located with the Computer Vision, Networked Systems and Quantum Cybernetics research areas, creating a dynamic environment that supports breakthrough interdisciplinary research.

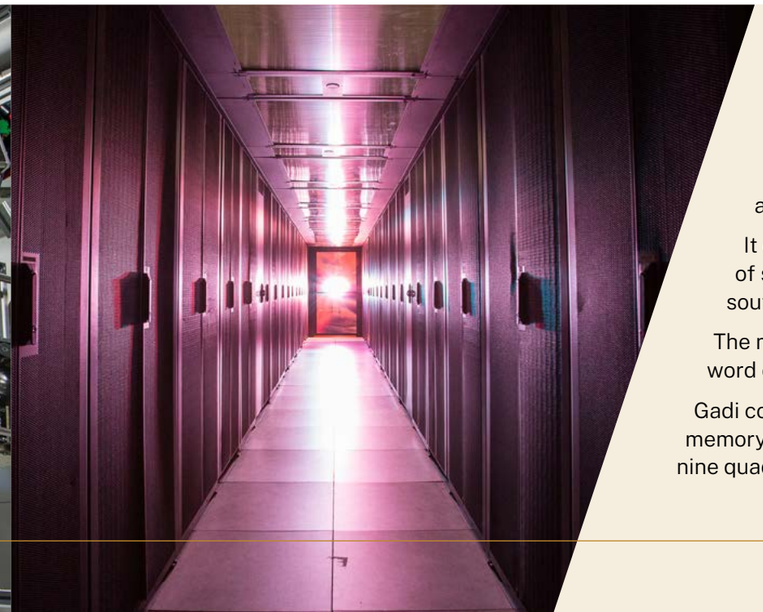
We have cutting-edge flying facilities and rapid prototyping equipment.

Solar simulator

This high-flux solar simulator is ideally suited for laboratory scale testing of high-temperature solar thermal and thermochemical components and systems.

It supports research in radiating reactive flows and provides up to 20kW of radiation with peak heat flux up to about 10 MW/m2. The flux can be further augmented with secondary optics.

The solar thermal capability and expertise at ANU can simulate similar heat flux conditions for high-speed spacecraft entry. Think of the Moon, Mars and beyond!



Gadi

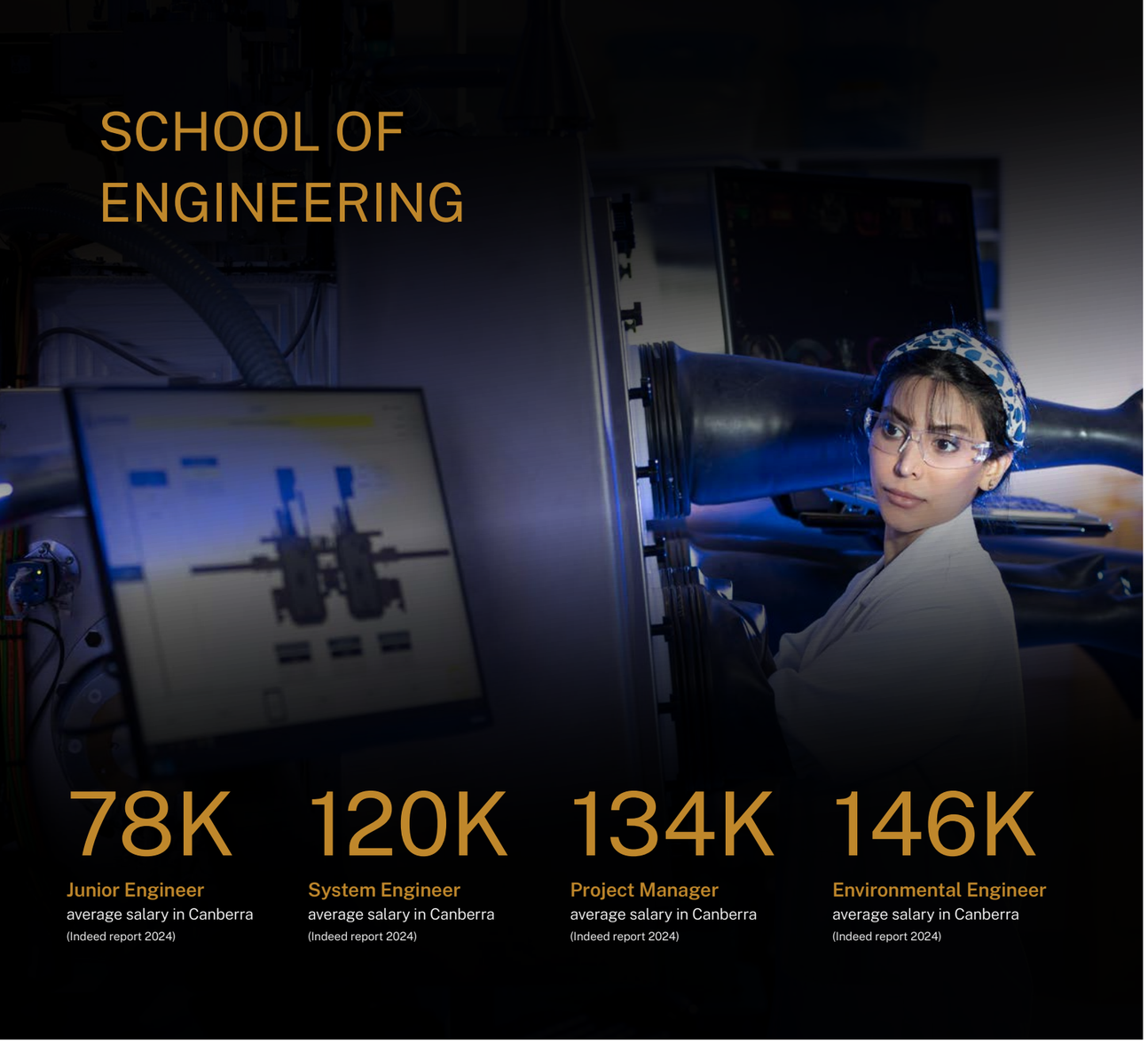
ANU is home to Gadi, a high-powered supercomputer at the National Computational Infrastructure (NCI) that is used by researchers across the university and country.

It comes in at number 24 in the global ranking of supercomputers, and the most powerful in the southern hemisphere.

The machine is named 'Gadi' [pronounced Gar-dee], a word of the Ngunnawal people meaning 'to search for'.

Gadi contains 145,152 CPU cores, 567 Terabytes of memory, and 640 GPUs, and is capable of performing nine quadrillion operations per second.

SCHOOL OF ENGINEERING



78K
Junior Engineer
average salary in Canberra
(Indeed report 2024)

120K
System Engineer
average salary in Canberra
(Indeed report 2024)

134K
Project Manager
average salary in Canberra
(Indeed report 2024)

146K
Environmental Engineer
average salary in Canberra
(Indeed report 2024)

The School of Engineering at ANU brings together a diverse and welcoming community, motivated to change the world.

Our work is redefining what is possible in Aerospace, Energy, Environmental, Information and Signal Processing, and Mechatronic systems. We collaborate with researchers around the world, and government at local, state and federal levels.

Our unique systems engineering focus is embedded in our educational programs. Not only do our graduates attain deep expertise in their chosen discipline, they also learn to analyse and design complex systems that are grounded in their social, environmental, and economic contexts.

Our students compete in national and international competitions including the World Solar Car Challenge, Formula SAE, Rocketry, and Maritime RobotX. We host a student chapter of Engineers Without Borders and we work closely with ANU Fifty50 in support of gender equity in STEM across ANU.

We have world-class research and teaching laboratories as well as state-of-the-art facilities, including our MakerSpace and workshop facilities. These are available to students, staff, and other collaborative partners.

Studying Engineering at ANU will provide you with outstanding opportunities to both excel in your career, and to make a real difference to solving some of the world's most significant challenges.

Systems Engineering

Systems engineering, emerging from NASA, is a process for designing, constructing, and managing engineering solutions. The adaption of systems engineering taught at ANU is tailored for present-day engineering challenges, where, similar to rockets, solutions have many interconnected components. Importantly, it also allows us to consider what we now know are essential factors for engineering, such as environmental and social impacts, in addition to technical engineering considerations.

You will work in teams and in collaboration with industry partners to apply systems engineering principles across diverse areas including resilience and disaster response, agri-technology, security, energy transitions, space, and healthcare. Graduates of our systems engineering program emerge as superhero problem solvers, adept at leading diverse teams to create thoughtful and functional solutions for the betterment of the world.

Humanitarian Engineering

Humanitarian Engineering explores the role and application of engineering and technology to disadvantaged, marginalised and vulnerable communities to improve quality of life and support empowerment. It provides a connection between engineering and development, placing human well-being at the centre of engineering practice.

The ANU School of Engineering has a number of education opportunities and partnerships with community groups, not-for-profit and social enterprises working on Humanitarian Engineering. Students obtain a deeper understanding of the ways their knowledge and skills can help to advance the well-being of humanity as a whole.

Find out more
cecc.anu.edu.au/news/2023/12/11/systems-engineering-wins-excellence-in-education-award

"I am absolutely delighted by the ANU's unique approach to teaching systems engineering. This innovative teaching style has allowed me to truly explore and discover my subject interests."

Sanuga Wijesuriya
Bachelor of Engineering
(Research and Development) (Honours)

"The ANU engineering degrees are unique in Australia, integrating engineering fundamentals with a systems engineering approach geared for the increasingly transdisciplinary, socio-technical contexts of the 21st century."

Jessica Weakly
Bachelor of Engineering (Honours)
Bachelor of International Security Studies

LET YOUR INTERESTS GUIDE YOU

Explore majors that match your interests and career goals.

Aerospace Systems Engineering

Declining costs for access to space and unmanned aerial systems, combined with society's increasing reliance on aerospace and satellite technologies, provide great opportunities in the rapidly expanding multi-disciplinary field of aerospace systems engineering.

In the Aerospace Systems major, you will benefit from the University's strengths in electrical and mechatronics engineering, intelligent systems, control theory, hypersonics and space research. Being located in Canberra provides unique opportunities for work experience in the space and defence industries that range from Government organisations to industry giants to game-changing startups.

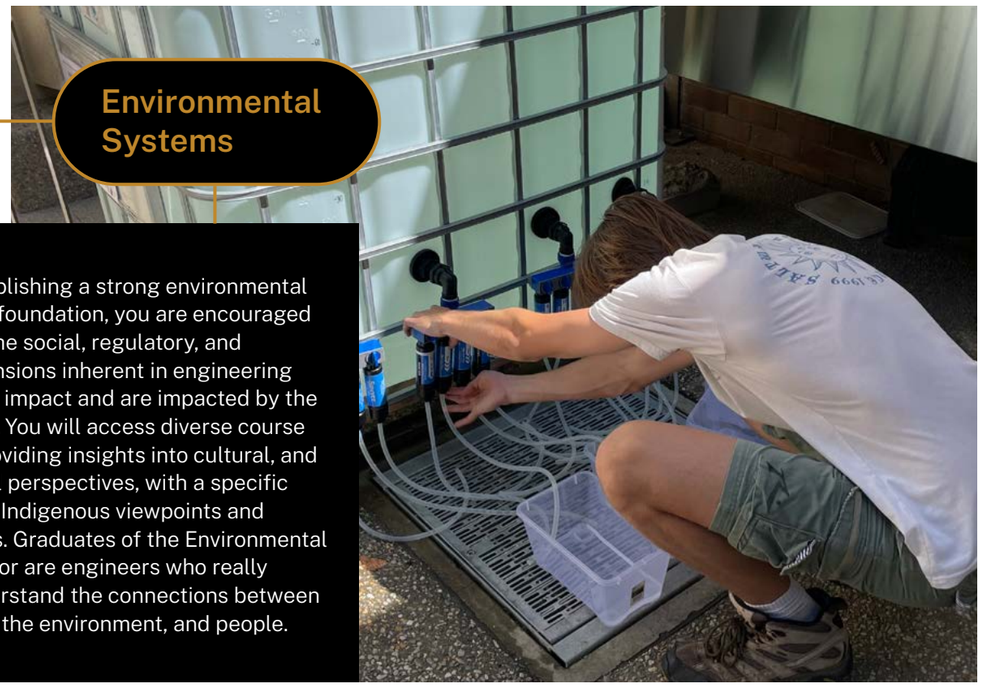
Renewable Energy Systems

The profound and rapid global shift to clean energy is creating a strong demand for highly skilled professionals who have the required skills and knowledge in clean energy generation, storage, integration and use.

This major will provide you with technical knowledge of solar and wind power, electricity transmission and distribution, energy storage, and hydrogen generation and use. It will also teach you the important of environmental, social, resource, material and financial considerations in Engineering.

You will be taught by leading researchers in the field. Throughout the degree you will be exposed to and interact with industry professionals who will directly relate the course content to current projects, giving you first-hand experience of the industry challenges, trends and opportunities, and providing you with valuable contacts for your professional career.

Environmental Systems



The environment around us is rapidly changing. The effects of climate change, pollution and the pace of human development are becoming clear. Extreme weather events are becoming common. The Environmental Systems major builds on foundational sciences including Chemistry, Biology, and Ecology, to study environmental engineering topics including water systems, environmental monitoring and modelling, and the incorporation of environmental considerations into infrastructure design.

Beyond establishing a strong environmental engineering foundation, you are encouraged to examine the social, regulatory, and ethical dimensions inherent in engineering systems that impact and are impacted by the environment. You will access diverse course materials providing insights into cultural, and geographical perspectives, with a specific emphasis on Indigenous viewpoints and contributions. Graduates of the Environmental Systems major are engineers who really want to understand the connections between engineering, the environment, and people.

Career opportunities for Engineering graduates

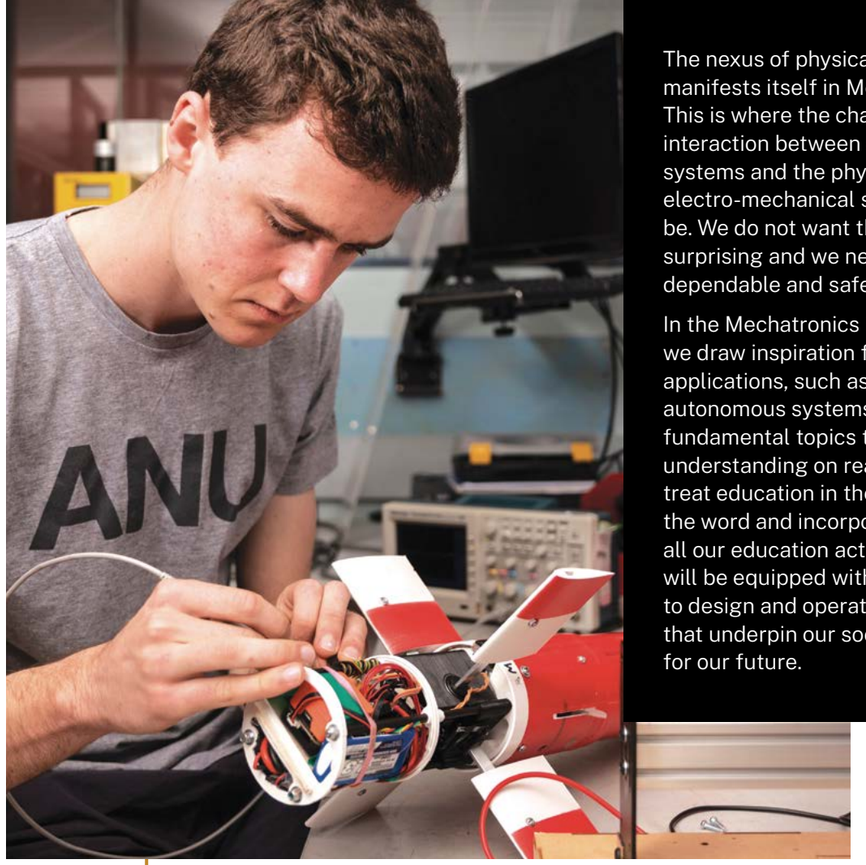
Engineering graduates find employment opportunities in a variety of roles, including but not limited to:

- Aerospace Engineer
- Data Analyst
- Design Engineer
- Electronic Engineer
- Electrical Engineer
- Environmental Engineer
- Energy Analyst
- Industrial Engineer
- Nuclear Engineer
- Project or Program Manager
- Process Engineer
- Research Consultant
- Systems Engineer
- Software Engineer
- Telecommunications Engineer

Electronic and Communication Systems

Our daily lives are becoming more dependent on electronic devices. Major sectors spanning manufacturing, mining, agriculture, health, and defence are undergoing transformative digitisation processes over the next decade. At the heart of this digital revolution is the use of diverse electronic components, facilitating communication, sensing, and information processing. The Electronic and Communication Systems Major will equip you with fundamental and advanced knowledge and skills for designing the relevant modern technologies to advance tomorrow's human society. Offering a curriculum covering topics in electronic devices, embedded microprocessors, digital systems, signal processing, communications and networking.

This major provides you with training and diverse experiences in both theory and hands-on practical work, as well as critical thinking. Graduates will gain the capability to construct electronic systems, develop communication and signal processing algorithms, and explore career opportunities across all major industry sectors.



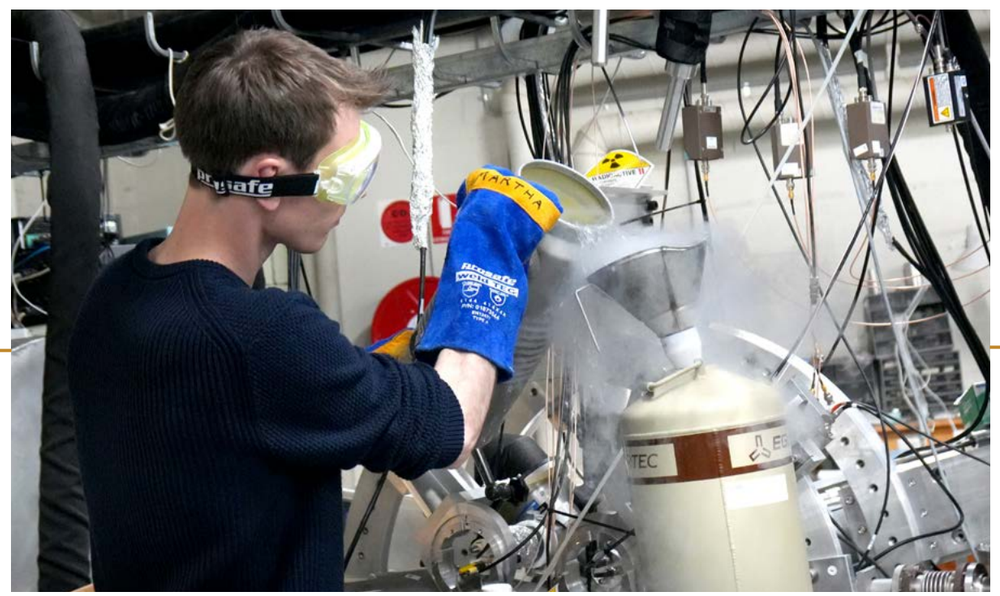
Mechatronic Systems

The nexus of physical and cyber worlds manifests itself in Mechatronic Systems. This is where the challenges in the interaction between artificial intelligence systems and the physical universe through electro-mechanical systems come to be. We do not want this interaction to be surprising and we need our systems to be dependable and safe.

In the Mechatronics Systems major, we draw inspiration from real-world applications, such as robotics and autonomous systems, to cover fundamental topics that lead to deep understanding on real-world impact. We treat education in the broadest sense of the word and incorporate this philosophy in all our education activities. Our graduates will be equipped with the necessary tools to design and operate intelligent systems that underpin our society and are crucial to for our future.

What area are you interested in?

Nuclear Systems



Nuclear technologies are vital tools for a wide range of sectors, including environmental science, medicine, mining, agriculture, defence, cultural heritage, computing, and space. The demand for professionals who can design and manage nuclear technologies and their byproducts safely, responsibly, and sustainably across their entire lifecycle is expected to grow significantly in the coming years.

This major is designed to provide you with fundamental and advanced knowledge of various types of nuclear technologies, with a focus on key skills needed to safely, securely, and sustainably design and manage such technologies over long timescales. This major focuses on nuclear fission reactors as the most safety-critical nuclear technology graduates are likely to encounter, though the skills they develop will have broad applicability to all nuclear technologies. You will be trained to use a systems lens to critically analyse and plan for human, social, environmental, economic, technical, and political forces shaping such facilities and their operations, and will develop the ability to use this understanding to manage key safety, security, and safeguards considerations for such facilities.

You will have the opportunity to engage in hands-on design activities in this course, and develop experience working within a local nuclear facility, the Heavy Ion Accelerator Facility at ANU. You will be educated by world-leading nuclear scientists and engineers, and engage with professionals actively working with nuclear technologies in diverse fields.

Bachelor of Engineering (Honours)

Selection rank: 85 | UAC: 135004 | Prerequisites: Advanced Maths | Duration: 4 years full-time | CRICOS: 077943E

Do you want to make solar energy more efficient and live in a sustainable city, or create new technologies in robotics, uncrewed aircraft and wireless internet of things? If you are creative, enjoy problem solving, teamwork and science, this could be the degree for you.

Our Bachelor of Engineering (Honours) degree boasts many unique characteristics, but best of all, it is built on a 'systems engineering' framework, where you will learn how engineering disciplines work together. Our state-of-the-art education experience ensures you will be able to design, analyse and manage the complex systems of the future.

The first two years of the program is common for all students. You will be exposed to many engineering disciplines before specialising in your chosen field. After that, you can choose to specialise in areas such as electronics & communications, mechatronics, aerospace, renewable energy, or environmental or nuclear systems. You can also combine your engineering program with another degree at ANU in a Flexible Double Degree to graduate with two qualifications.

This exceptional degree will not only allow you to excel in your career, but to also make a real difference and help to solve some of the world's largest problems.

	Year 1	Year 2	Year 3	Year 4
Semester 1	Discovering Engineering	Engineering Design 2	Engineering Design 4A	Capstone Design Project
	Physics I	Mechanical Systems and Design	Major Course	Major Course
	Mathematics and Applications 1	Electronic Systems and Design	Major Course	Major Course
	Elective Course	Computer Systems & Organisation	Engineering Elective Course	Engineering Elective Course
Semester 2	Introduction to Electronics	Engineering Design 3	Engineering Design 4B	Capstone Design Project
	Introduction to Mechanics	Engineering Thermodynamics	Major Course	Major Course
	Mathematics and Applications 2	Signals and Systems	Engineering Elective Course	Engineering Elective Course
	Programming for Scientists	Elective Course	Elective Course	Elective Course

Engineering Fundamentals · Systems Engineering · Engineering Majors · Electives

Bachelor of Engineering (Research & Development) (Honours)

Selection rank: 98 | UAC: 135000 | Prerequisites: Advanced Maths | Duration: 4 years full-time | CRICOS: 060542F

Our Research & Development (R&D) program allows you to conduct individual research projects throughout your degree. Commencing in your second year, these research projects will form part of your coursework, exposing you to cutting-edge research alongside world-class academics, across many different disciplines. The projects may be undertaken within the School of Engineering, or more widely across the university. You will complete 3-4 projects over 5 semesters, learning how to undertake research, while completing a degree that will perfectly position you for a career in industry. The program is also ideally suited to students thinking of undertaking a higher degree by research (PhD or MPhil).

We offer pathways into the Research and Development program. If you commence the Bachelor of Engineering (Honours) program and achieve a High Distinction average in your first year, you may be eligible to transfer into the Research and Development program in your second year.

	Year 1	Year 2	Year 3	Year 4
Semester 1	Discovering Engineering	Engineering Design 2	Engineering Design 4A	Engineering Research & Development Project
	Physics I	Mechanical Systems and Design	Engineering Research & Development Project	Major Course
	Mathematics and Applications 1	Electronic Systems and Design	Major Course	Major Course
	Elective Course	Engineering Research & Development Project	Engineering Elective Course	Engineering Elective Course
Semester 2	Introduction to Electronics	Engineering Design 3	Engineering Design 4B	Engineering Research & Development Project
	Introduction to Mechanics	Engineering Thermodynamics	Engineering Research & Development Project	Major Course
	Mathematics and Applications 2	Signals and Systems	Major Course	Elective Course
	Programming for Scientists	Elective Course	Major Course	Elective Course

Engineering Fundamentals · Systems Engineering · Engineering Majors · Electives · Research & Development

Bachelor of Engineering (Honours) in Software Engineering

Selection rank: 85 | UAC: 135005 | Prerequisites: Advanced Maths | Duration: 4 years full-time | CRICOS: 108316E

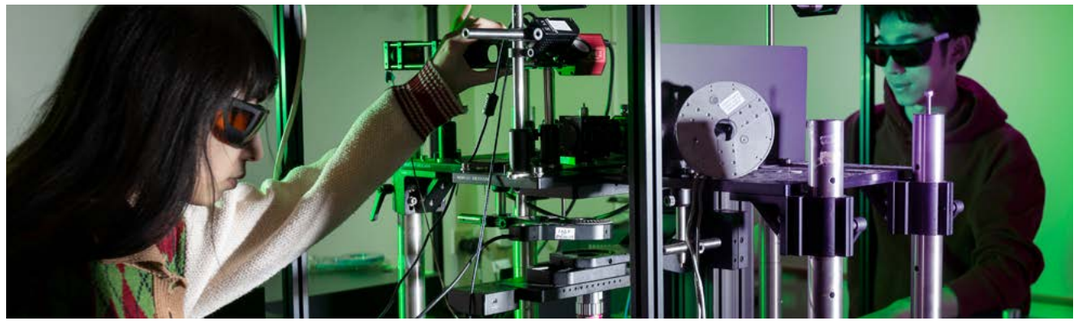
Built on a multidisciplinary systems approach, the Bachelor of Engineering (Honours) in Software Engineering will prepare you to design and build systems that influence everyday life.

The unique systems engineering approach covers both the technical aspects of professional practice, innovation, and research, as well as the complex socio-technical context of everyday applications.

You will apply your lived experience and knowledge to explore approaches ranging from uncertainty and risk, design, modern management practices, ethics, and communication.

As part of this program, you will:

- Build software systems that address complex problems faced every day in many fields, including transport, communications, finance, medicine, science, entertainment, and the arts.
- Have the flexibility to learn from research leaders in the field about the latest software engineering practices and tools ranging from the latest applications of machine learning to the most stringent cyber security practices.
- Gain first-hand industry experience in your 3rd and 4th year team projects and build a toolkit of problem solving, analysis and design skills.
- Access experts in the field and develop your own startup to further enhance your innovation and entrepreneurial skills.



	Year 1	Year 2	Year 3	Year 4
Semester 1	Discovering Engineering	Engineering Design 2	Engineering Design 4A	TechLauncher Project
	Mathematics and Applications 1	Relational Databases	Software Engineering Project	Managing Software Quality & Process
	Programming as Problem Solving	Computer Organisation & Program Execution	Elective Course	Digital Systems & Microprocessors
	Discrete Mathematical Models	Software Construction	Computing/Engineering Elective Course	Computing/Engineering Elective Course
Semester 2	Foundations of Computing	Engineering Design 3	Engineering Design 4B	TechLauncher Project
	Structured Programming	Software Engineering	Software Engineering Project	Human-Computer Interaction
	Information Theory	Systems, Networks, and Concurrency	Algorithms	Elective Course
	Elective Course	Elective Course	Computing/Engineering Elective Course	Computing/Engineering Elective Course

Computing Fundamentals · Systems Engineering · Software Engineering · Electives

Work Experience

Work Experience offers you the opportunity to integrate academic theory and 'real world' practice. You will enhance your technical and leadership skills whilst gaining experience in the workforce and insight into professional practice.

The difference between work experience and an internship

Work experience is a mandatory requirement of your Engineering degree but does not count for any credit. Work experience roles are found and organised by the student.

Internships are offered by the College through an application process and are optional. Internships are assessable and count for 6-24 units of credit.

Find out more
eng.anu.edu.au/study/more/internships

Scholarships

Kim Jackson Scholarship

The Kim Jackson Scholarship is awarded to a woman from a non-metropolitan area and enrolled in the ANU Bachelor of Engineering (Honours) or Bachelor of Engineering (Research and Development)(Honours) single or double degree for the duration of their undergraduate degree.

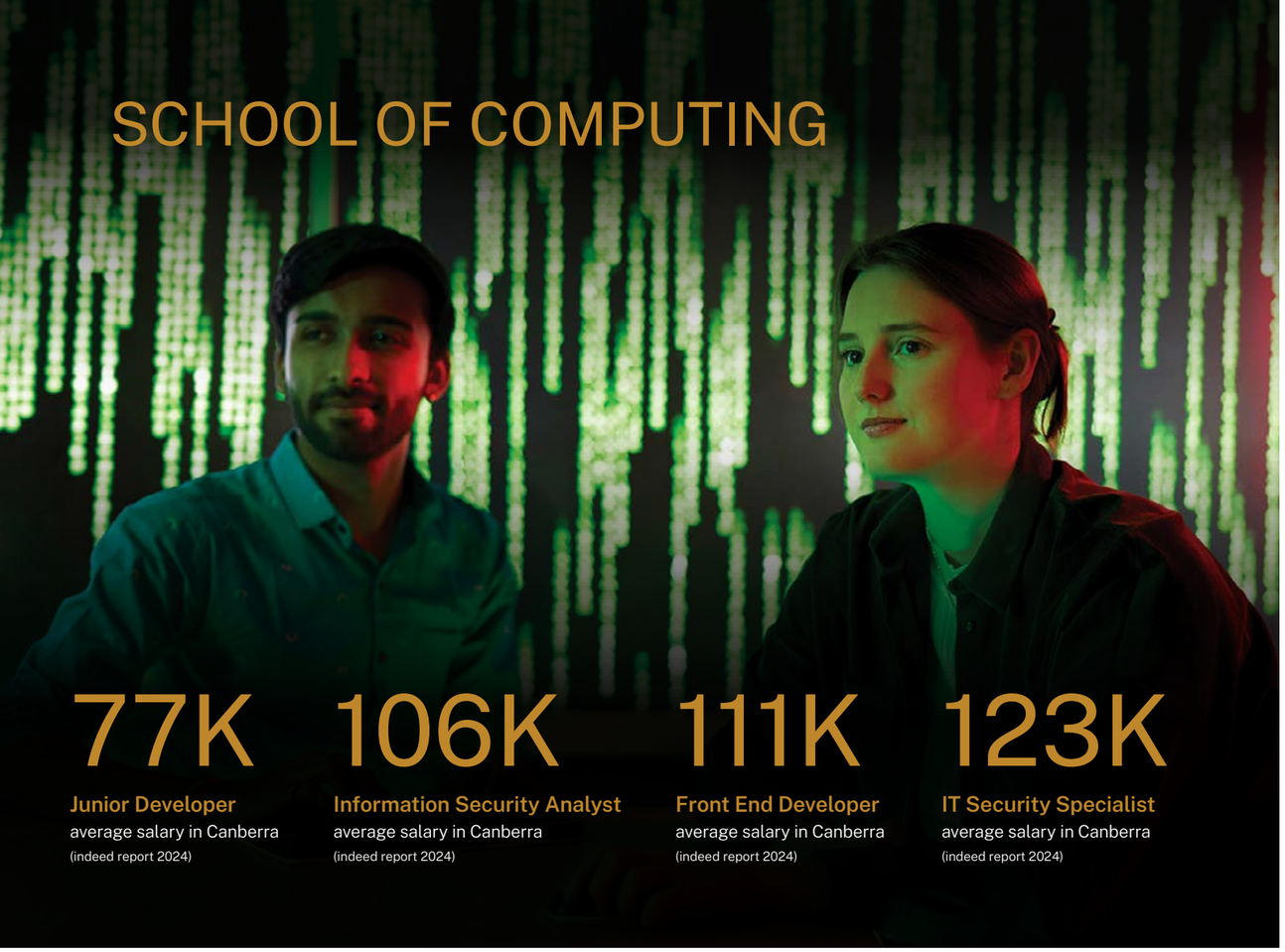
Funding for this award has been provided by Ms Kim Jackson, an ANU Alumna who graduated in 2002 with a Bachelor of Engineering Honours and a Bachelor of Commerce. Kim is a strong advocate on how education has the power to change lives and believes this scholarship will change the life of the recipient, enabling them to study at ANU and engage in all facets of university life.

Kim Jackson scholarship
study.anu.edu.au/scholarships/find-scholarship/kim-jackson-scholarship

"I would really encourage anyone considering engineering to apply for the Kim Jackson Scholarship. It is such a special thing where people, like Kim, choose to invest in the education of women and students from rural and regional areas; and they do it for a reason. It is so important that we have diverse engineers with contrasting perspectives, passions and experiences."

Lily Delves
Bachelor of Engineering (Honours)
Bachelor of Science

SCHOOL OF COMPUTING



77K
Junior Developer
average salary in Canberra
(indeed report 2024)

106K
Information Security Analyst
average salary in Canberra
(indeed report 2024)

111K
Front End Developer
average salary in Canberra
(indeed report 2024)

123K
IT Security Specialist
average salary in Canberra
(indeed report 2024)

The ANU School of Computing has a strong foundation in computing and information sciences. We are a transformative centre for research in artificial intelligence and machine learning, computer systems and software, and theoretical foundations of computing. We span canonical and leading-edge computing, connecting decades of computer science methodologies with modern data and computational science. Our mission is motivated by the need to design, drive and sustain strategic activities via five broad focus areas: Computing Foundations, Computational Science, Intelligent Systems, Data Science and Analytics, and the Software Innovation Institute.

"Being a woman from a low socioeconomic background, I feel our representation, especially in computing, is very important. Pursuing a career and study can be highly rewarding and being part of the change you want to see in the world."

Alexis Jean
Bachelor of Advanced Computing (Honours)

LET YOUR INTERESTS GUIDE YOU

Explore study areas that match your interests and career goals with the program we teach.

Data Analytics

Data is central to all endeavours today as is dealing with its acquisition, storage, curation, retrieval, and processing. Statistics data is used as the basis of modelling and reasoning. Using artificial intelligence and machine learning we can enhance how statistical data helps us gain an understanding about the world and society.

We pursue a rigorous processing of data and its contexts and implications. Engaging with domain experts in government, business, and the health and social sciences to build models that turn data into information, and information in knowledge, to then support effective and confident economic and social decision making.

Students explore the design and construction of robust processes and models that help lead to new algorithms, prototypes, and deployed systems across multiple domains to derive new meaningful insights while being sensitive to bias. You will learn both micro and macro credentialing, balancing theoretical techniques with domain-relevant project-based learning.

Career pathways

- Data Engineer
- Data Scientist
- Data Analyst
- AI Specialist
- Data Architect
- Research Scientist

Programs that match your interests

- Bachelor of Computing (P34)
- Bachelor of Applied Data Analytics (P35)
- Bachelor of Engineering (Honours) in Software Engineering(P28)

Programs that match your interests

Software Engineering

You will learn, apply and help to create state-of-the-art techniques. Software Engineering provides world-leading integrated learning, while addressing some of the complex challenges of today. Students will have the chance to learn theory and skills developed on actual industry projects where systems were created to solve data problems and drive business decisions. Students can participate in translating research, to design, engineer, and build solutions to complex problems, cognisant of cultural context while preserving privacy. Working with schools across the university, we are the translational engine for the school and a locus for experiential learning.

Career pathways

- Data Analyst
- Front End Developer
- Web Developer
- Software Engineer
- Software Developer
- Full Stack Developer

Human Centred and Creative Computing

You will learn how to design, implement, evaluate, and investigate new human-centred technologies and their impact on humans, societies, and environments. You will develop skills in interaction design, advanced computation, and mixed methods approaches to developing and analysing humancentric technologies, data, and processes.

These skills will be put into practice in courses varying from human-computer interaction, creative technologies, games and immersive environments, sound and music computing, and programming for art, graphics, interaction, and software engineering. There will be opportunities to work closely with industry partners and across ANU with collaborators in areas such as art and design, psychology, health and medicine, philosophy, law, and management.

You could choose to join public performances of the laptop ensemble or participate in research on interdisciplinary challenges related to technology and ethics, environment, and inclusion.

Career pathways

- UX Designer
- UX Researcher
- Front-end developer
- XR Developer
- Audio Programmer
- Sound Designer
- Immersive Simulations Developer
- Interaction Designer
- Creative AI Expert
- Video Game Programmer

Foundations

Computing platforms underpin global commerce, governance, and social wellbeing as critical infrastructure. You will learn the theory to improve the safety, reliability, usability, and performance of computing systems, and how to make them scalable and secure.

You will be able to study and participate in research in the foundations of computing: logic and verification, theory of computation, formal methods for software engineering, user interfaces, and programming languages and tools. We work closely with industry partners on finding solutions to problems for real systems. Our education programs emphasise hands-on implementation and project-based learning.

Career pathways

- Business Analyst
- Computational Scientist
- Research Scientist
- Computational Research Assistant
- Service Designer

Systems and Architecture

Computer systems and computer system architectures provide critical resources ranging from purpose user application programming to highly specialised real-time embedded development environments.

Students will study computer systems including their use, architecture, design, implementation, and limitations. You will design systems, do modelling and simulations, develop algorithms and code to produce high performing systems and understand database design methods. We emphasise hands-on implementation and project-based learning.

If research is your thing, we have projects available where you can work with our industry partners to work on innovative solutions to their real-world problems.

Career pathways

- Systems Administrator
- Network Specialist
- Business Analyst
- Front End Developer
- Solutions Architect

Programs that match your interests

- Bachelor of Computing (P34)
- Bachelor of Advanced Computing (Honours) (P36)
- Bachelor of Advanced Computing (Honours)(R&D) (P37)

What area are you interested in?

Cyber Security

Cyber security is a growing field of research and jobs in Australia and around the globe. Students will learn how to setup and protect data, systems and devices, from computer viruses and ransomware attacks. Studying network protocols, cryptography, failed security principles and vulnerabilities you will learn how to design and implement ways to block attacks and protect data, systems and devices.

We work closely with industry partners to solve their real problems on real-world systems. Our education programs emphasise hands-on implementation and project-based learning including innovative activities such as cyber-security Capture the Flag assessments.

Career pathways

- Cyber Security Technician
- Cyber Security Analyst
- Data Architect
- Solutions Architect

Artificial Intelligence/ Machine Learning

Machine Intelligence augments human intelligence in analysing and synthesising vast amounts of information. You can explore computational modelling and design of intelligent agents in complex real-world contexts. You can dive deeper into our research that integrates artificial intelligence, machine learning and vision, natural language understanding, and robotics, to build autonomous systems that can perceive, plan, and respond to their environment in pursuit of high-level goals.

You will be able to study introductory and advanced courses in artificial intelligence, and machine learning from the foundational science to implementation of large-scale practical intelligent systems, with applications in computer vision, language understanding, and robotics, co-taught and co-developed across the College. We also work across the University to address questions on integrating human and social values in artificial intelligence systems, touching on aspects of philosophy, cognition, ethics, and safety.

Career pathways

- Artificial Intelligence Specialist
- Research Scientist
- Service Designer
- Robotics Engineer

EXPLORE YOUR STUDY OPTIONS

Bachelor of Computing

Selection rank: 80 | UAC: 136062 | Prerequisites: Advanced Maths | Duration: 3 years full-time | CRICOS: 112692B

Computing is a part of everyday life. It is changing the way we live, learn, work, and socialise. If you are interested in driving this exciting revolution, in a truly globalised and fast changing industry, this program is for you.

You will receive a strong grounding in computing fundamentals to set up your foundation to tackle the rapid and progressive nature of technology. With Computing as an intrinsic part of all industries; knowledge of software development, cyber security, artificial intelligence and information systems is highly sought after by the best employers. We've also seen many of our students utilise these same skills to build and run with their ideas by creating their own startups.

Why choose Bachelor of Computing with a Data Science Major instead of Bachelor of Applied Data Analytics?

The Bachelor of Computing with a Data Science Major offers a degree which allows you to study computing in depth with the flexibility to explore data science in computing. If data is your passion, the Bachelor of Applied Data Analytics offers a Computing Degree specialising in Data Science. The focus remains on the data with courses outside the computing realm for data analysis including exploring social research, statistics and demography.

Flexible Double Degree

ANU Flexible Double Degrees offer the chance to complete two degrees in less time than it takes to complete them separately. You complete the full Bachelor of Computing, and at the same time specialise in another degree. Graduating with two degrees from Australia's national university is a powerful combination. You can drive the computing revolution from the discipline of your other degree; from Law, Arts, Social Sciences, to Science, Biology or Psychology. Or you can bring these interdisciplinary skills to enhance solving problems with Computing.

Honours

For students who excel in computing, an honours year of the Bachelor of Computing offers the opportunity to develop advanced computing skills, preparing you for industry roles in advanced computing and research. The honours year focuses on advanced coursework and a major individual project. Honours is the pathway to higher degree research. Students interested in Honours may apply directly to the university. Explore research projects available on the ANU School of Computing website.

Bachelor of Applied Data Analytics

Selection rank: 90 | UAC: 135801 | Prerequisites: Assumed knowledge | Duration: 3 years full-time | CRICOS: 094621D

Bachelor of Applied Data Analytics is a broad-based data analytics program that addresses the full lifecycle of data science and analytics, including framing data questions, collecting or repurposing data, analysing data with a range of statistical and artificial intelligence methods, and using data to monitor outcomes of interventions taken, with applications in social policy. It offers knowledge and experience with a wider range of commercial and open-source analytics tools.

You will learn to deliver high-quality, data-informed decision-making. This program includes courses in computing, statistics, and social science. These highly sought-after skills can be applied in careers across business, government, and community sectors – including areas such as finance, health, and national security.

Flexible Double Degree

Most students choose to study Bachelor of Applied Data Analytics as part of a Flexible Double Degrees, and they select one of around 30 different degrees to pair it with. The most popular pairings are Commerce, Actuarial Studies, and Economics. Close behind in popularity are Finance, Advanced Computing, Science, and Politics, Philosophy and Economics. Students with a quantitative interest are recognising the importance of broad-based analytics and data science, including artificial intelligence, in diverse future careers.

Students who choose a Flexible Double Degrees with Statistics, Computing, and some other fields, will find that the Bachelor of Applied Data Analytics requires some courses, especially foundational ones, that are also required for the paired program. In this case, they are usually permitted to pick up a free elective to make up the difference.

Honours

An honours year of the Bachelor of Applied Data Analytics is available for eligible students. The honours program includes advanced coursework and a major individual project. The student may choose a topic related to a broad range of disciplinary contexts in line with the interdisciplinary nature of the program. An honours program deepens your expertise in the field and equips you for industry-based roles in research or for postgraduate research degrees.

External students may apply directly to the honours year, although the uniqueness of the Bachelor of Applied Data Analytics program may make it challenging for external students to establish the near-equivalence to their undergraduate program.

Bachelor of Advanced Computing (Honours)

Selection rank: 85 | UAC: 135705 | Prerequisites: Advanced Maths | Duration: 4 years full-time | CRICOS: 077939A

This program gives you a comprehensive education in the field of Computing. You will understand the whole spectrum of Computing: low-level functioning of a computer, high-level programming techniques, the theoretical foundations of computing, as well as effective communication and teamwork strategies.

As a degree accredited by the Australian Computer Society, you will learn advanced computing techniques and have the opportunity to complete a unique specialisation in the area of computing that interests you the most.

You can combine the Advanced Computing program in a Flexible Double Degree with areas across the university, to match your personal interest and background such as science, economics, politics, language or music.

Industrial experience

Computing internship

The Bachelor of Advanced Computing (Honours) gives you an opportunity to complete an internship with one of the University's industry partners. During this internship, you will be able to apply your knowledge to real-world problems and to refine your skills while working alongside professionals. Internships are also a great way to hone your network and begin your journey into professional employment.

TechLauncher

TechLauncher is a group project that allows you to apply your skills to practical and challenging tasks. You will have an opportunity to channel your creativity and problem-solving skills while working on an exciting project. TechLauncher will also develop your collaboration and teamwork skills as you work within a team of peers, an critical skillset for your professional career.

Research experience

During your Honours year, you will have the opportunity to work on a substantial research project with academics from the ANU School of Computing. This project will use the knowledge and skills learnt in the most advanced topics covered during the program. These projects also contibute to cutting edge progress in Computing. You never know where your research project may take you!

There are also options every year for Summer Research Scholarships in a variety of topics.

Find out more
comp.anu.edu.au/research

Bachelor of Advanced Computing (Research & Development) (Honours)

Selection rank: 98 | UAC: 135700 | Prerequisites: Advanced Maths | Duration: 4 years full-time | CRICOS: 085359K

Our Research & Development (R&D) programs have an innovative structure, allowing you to conduct research projects throughout your degree.

This program features an accelerated mode of learning, with advanced courses starting from your first semester at ANU. You will receive unique opportunities to complete multiple research projects alongside our world-class academics.

From the second year, these research projects will form part of your coursework, exposing you to cutting-edge research. You'll get a taste for what it's like to undertake research while completing a degree that will also perfectly position you for a career in industry. You can combine a Research and Development program in a Flexible Double Degree.

We are the only university that offers undergraduate Research and Development programs in Australia.

We also offer pathways into Research and Development. If you commence in a Bachelor of Advanced Computing (Honours) and achieve a High Distinction average in your first year, you may be eligible to transfer into a Research and Development degree from the second year of your degree.

Research experience

Research skills and experience is embedded into the Research and Development (R&D) degree. Starting with coursework and short research projects you will develop the skills required to complete a major research project in your final year.

The research topics cover all aspects of computing and are supervised by the world leading academics at ANU. Previous students have completed research in areas including machine learning, artificial intelligence, cyber security, computer architecture, game design, theory of computation and logic.

YOUR STORIES

Engineering Alumni

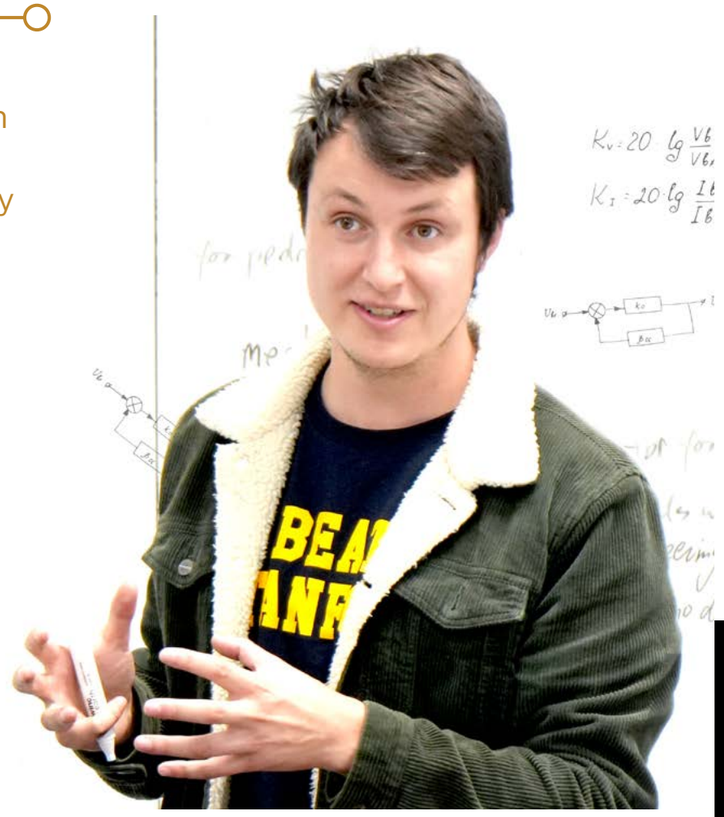
Alexander Ollman enjoyed the Capstone engineering course so much that he took it twice. Now he's returned to Capstone as a mentor aiming to design a remote piloting system for the long haul trucking industry.

> "There's no better feeling than graduating from university and going out into an industry that you are passionate about, and on your very first day realising: this is familiar. I understand what is going on here. In fact, I have a unique and creative way to solve the problems that this organisation has been trying to solve for a long time."

Alexander Ollman

Product Manager
Hewlett Packard Enterprise

Bachelor of Engineering (Honours)



Alex didn't have a specific idea of what he wanted to do at university, but he knew he enjoyed problem solving, robotics, science, mathematics and physics. By the time he finished high school, he had discovered ANU Systems Engineering offering and felt it was the best place for him to pursue further study.

The Systems Engineering foundation gave Alex the freedom to discover all sorts of disciplines and industries and change his mind a few times as to what exactly he wanted to do after university.

Alex particularly enjoyed and found value in the final year engineering project, Capstone Engineering Design.

'I realised during my time at ANU, one of the most powerful attributes one can have is the ability to apply diverse backgrounds and thinking to a particular subject of choice. What I particularly enjoyed about capstone is that there were a variety of people, each with different backgrounds, different experience, all coming together to solve a collective problem. And what capstone enables people to do is learn how to best leverage differences and work with those differences.'

Since completing his initial Capstone project, Alex returned as an organisation Proxy and once again with his own business, Totus Vehicle Control Systems. Now working in the US as the founder of Totus Vehicle Control Systems, Ollman believes that people should be at the centre of every major technology innovation.

Computing Alumni

Edmund Hofflin won the School of Computing's 2022 University Medal for his Honours studies. He has now accepted a PhD position at Oxford University in mathematics, focused on the background theory of artificial intelligence.

Hofflin's course at ANU fascinated him from the start. "Even from first year, first semester, I remember taking the introductory level course [COMP1100/1130] and the final question on the final assignment was 'Do whatever you want, identify a problem, solve it however you want or do anything related to it.'"

Hofflin opted to create a computerised new Sudoku solver. He programmed it to randomly guess solutions, get marked on its performance, and then try to improve its next score by. learning from its mistakes. "Theoretically my solver should have worked, however it was so terribly slow that it never did solve a single Sudoku," he said. "However, my enjoyment in making this solver did lead me to take further interest in AI, machine learning, and, eventually, optimisation."

Two years later, in the Advanced AI course (COMP4680), Edmund realised that his attempt at machine learning had independently arrived at what he called a "poor version" of the Monte-Carlo machine learning methods. Armed with new knowledge, he was able to fix the Sudoku solver he'd attempted in his first year.

Professor Stephen Gould was Hofflin's advisor for his Honours research project, which focused on the editing of code to allow programs to run more efficiently and effectively, a process known as optimisation. "One reason I really like optimisation is that it has applications pretty much everywhere," Hofflin said. "From chemical models to genome decoding, from a production system for manufacturing cars to how your phone runs messenger."

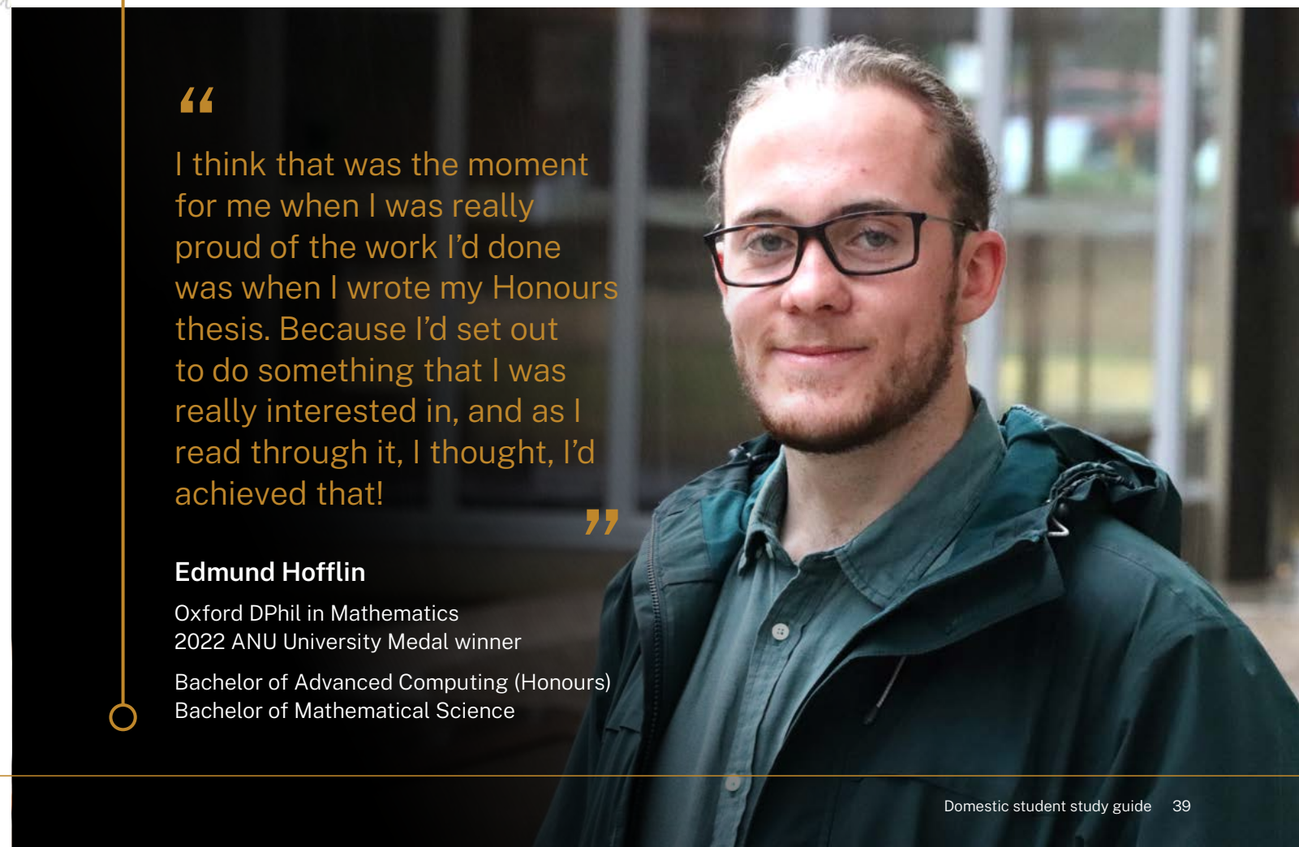
"I remember reading through my thesis and just being excited," he said. "After spending an entire year researching, and the last six weeks quickly trying to write up a thesis, I was still so excited just to turn the next page and see what was happening.

> "I think that was the moment for me when I was really proud of the work I'd done was when I wrote my Honours thesis. Because I'd set out to do something that I was really interested in, and as I read through it, I thought, I'd achieved that!"

Edmund Hofflin

Oxford DPhil in Mathematics
2022 ANU University Medal winner

Bachelor of Advanced Computing (Honours)
Bachelor of Mathematical Science



SUPPORT ON YOUR JOURNEY

Scholarships

Build your future with our help. ANU scholarship opportunities cater to students from various backgrounds and abilities. You can be automatically considered for some scholarships when you apply.

Whether you are looking for financial support to start your studies, or to move away from home for the first time, ANU has scholarship opportunities for you and your situation. Our scholarships recognise a range of circumstances including academic achievement, diverse backgrounds and and athletic performance.

ANU also offers scholarships that support unique challenges and experiences, and recognise leadership, such as the Tuckwell Scholarship Program, the most generous and transformative undergraduate scholarship in Australia.

Find a scholarship
study.anu.edu.au/scholarships/find-scholarship

Get in touch

Message a student adviser on WhatsApp

Message a student adviser on WhatsApp. We're available during local Canberra time Mon-Fri 9am-5pm.

Book a one-on-one chat or campus tour

Let us know what times work for you and we will book in a Teams call.

Ask us anything

Join our monthly information sessions to have all your questions answered! Learn about campus life, student clubs, facilities, accommodation, part-time jobs, and employment opportunities.

Accommodation

ANU has a wide range of catered and self-catered student residences. There is a vibrant campus community all conveniently located within easy walking or cycling distance to the city center of Canberra.

Living in a student residence is your chance to be at the heart of our Acton campus. Each residence allows students to develop a sense of independence and form friendships with people from diverse backgrounds and cultures. ANU residences provide the support and community that helps our students thrive in their studies and creates life-long friendships and networks for their future careers.

Find out more
study.anu.edu.au/accommodation

Careers & opportunities

ANU Careers & Employability is here to help you maximise your potential and make a successful transition from education to work. We provide current students and new graduates with a range of in-person and online services that can help you with career planning and decision-making. These services can support you in your search for a job and help you to successfully navigate application, interview and selection processes. Our team is also able to help you access employers and build your employability skills.

Look out also for upcoming workshops on job applications, career planning and much more.

Find out more
anu.edu.au/students/careers-opportunities/careers

CONTACT US

Chat with us and learn more about ANU and why it’s the place for you.

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@anucecc

study.cecc@anu.edu.au

cecc.anu.edu.au

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TEQSA Provider ID: PRV12002 (Australian University)
CRICOS Provider Code: 00120C