



UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau

ENGINEERING AND DESIGN UNDERGRADUATE PROSPECTUS 2026



#1

UNIVERSITY IN
NEW ZEALAND¹

#1

GRADUATE
EMPLOYABILITY²

#1

IN NEW ZEALAND FOR
ENGINEERING AND
ARCHITECTURE³

Ko Waipapa Taumata
nei, e karanga nei ki t
ki te kai i te mātaura
Nau mai, haere mai,
ki te whare whakairo

We are Waipapa Taumata Rau, we greet, we call to the many who desire the sustenance of knowledge.

Welcome, come forth and fasten to the carved meeting house, Tāne-nui-a-rangi.

Rau mātou, e mihi
te marea e hiahia ana
āngā

herea mai tōu waka
o Tāne-nui-a-rangi

Nau mai, haere mai

A warm welcome to the Faculty of Engineering and Design

With innovative and creative abilities, engineers, architects, urban planners, and designers are vital in addressing some of the most pressing issues faced by our increasingly complex world.

At New Zealand's leading faculty for engineering, architecture, and the built environment¹, you'll be surrounded by people who are excited to push boundaries, improve lives, and learn from each other.

As we seek to transition our society to green energy, build more resilient cities in the face of climate change, and reduce the waste we produce, the world looks to us for answers.

You will be surrounded by some of the world's best practitioners in their disciplines – people who are excited to push boundaries, improve lives, and learn from each other.

You will have access to first-rate facilities, located across the heart of Auckland City. Our labs, studios and workshops, spacious student areas, and Multi-Disciplinary Learning Spaces are all built with you in mind.

After graduating, you will also be highly sought after by graduate employers, both in New Zealand and overseas.

And so, on behalf of our faculty, I invite you to join us in taking your next steps in changing our world for the better.

Whakauru mai ki tō mātou kāhui ako.

Together, we can make a positive difference in our world.



RICHARD CLARKE
Dean of Engineering and Design
Waipapa Taumata Rau | University of Auckland

¹ QS World University Rankings by Subject 2024

Cover attributions

¹ QS World University Rankings 2025

² QS World University Rankings by Subject 2024

³ Times Higher Education Global Employability University Ranking 2023-24



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Hoahoa Whare Architecture

Te Pare School of Architecture and Planning is New Zealand’s leading tertiary educator in the fields of architecture and the built environment.¹ Today’s architects work in a rapidly expanding domain with constantly shifting boundaries. We offer degree programmes that reflect these evolving requirements and ensure you are well-equipped to begin a rewarding career, either in architecture or in a broad range of other design-based roles.

Quick facts – BAS

Full-time: 3 years
Points per degree: 360
Taught at: City Campus
Application closing date:
 8 December 2025
Classes start: 2 March 2026

Choosing secondary school subjects

There are no specific subject requirements for entry into the BAS degree. However, the secondary school subjects listed below can help prepare you for Architecture at university.

How do I apply?



Scan the QR code or go online to find out how to apply and prepare your application portfolio.
auckland.ac.nz/bas

Highlights

- Exciting studio sessions in dedicated studio spaces, real-world case studies, and intriguing future-speculation projects will boost your creative development.
- Research-based teaching, combined with leading edge technology, will invigorate your learning.
- Vibrant networking with practising architects will enliven your studies and build valuable contacts.
- Opportunities for overseas study and internships will expand your choices.
- Art and equivalent subjects such as Art and Design, Painting, Photography, Printmaking, Sculpture
- Art History
- English
- Social Sciences subjects such as Classical Studies, Geography, History
- Mathematics
- Physics
- Te Reo Māori or Te Reo Rangatira
- Technology subjects such as Design and Technology, Design and Visual Communication, Digital Technologies, Hard Materials

Sample BAS degree structure

Year 1	BLTENV 101 People, Place and Design Studio	BLTENV 102 Environmental and Social Justice	BLTENV 103 Media for Spatial Practices	WTRENG 100 Waipapa Taumata Rau*	ARCHDES 103 Design 2	ARCHDRC 104 Architectural Media 2	ARCHHTC 102 Modern Architecture and Urbanism	Transdisciplinary Futures course
Year 2	ARCHDES 200 Design 3		ARCHDRC 203 Architectural Media 3	ARCHTECH 207 Design Technology 1	ARCHDES 201 Design 4		ARCHHTC 237 Postmodern and Contemporary Architecture and Urbanism	ARCHTECH 210 Environmental Design 1
Year 3	ARCHDES 300 Design 5		ARCHHTC 341 Premodern Architecture and Urbanism	ARCHTECH 314 Environmental Design 2	ARCHDES 301 Design 6		ARCHPRM 305 Project Management	ARCHTECH 315 Design Technology 2

■ Core courses ■ Compulsory core courses ■ Transdisciplinary Futures course

¹ QS World University Rankings by Subject 2024

* See page 24.



“Architecture school is your chance to experiment, develop your creative practice, and discover what kind of architect you want to be.

“I was interested in architecture from a young age because I was passionate about art and the way in which creative outcomes impact a larger community of people. Architecture combines these two ideas in an ideal way for me.

“What surprised me most was the wide and diverse range of subjects architecture involves – from politics and philosophy to art and technology. I appreciated the embodied learning that encouraged us to pursue an array of interests.

“I really enjoyed the communal spirit fostered at the School of Architecture and Planning. The studio learning environment is intimate and personal and encourages collaboration between peers and staff. The lecturers and tutors are great. They are always happy to discuss your projects with you and are easily approachable. I really valued their genuine support and care.”

Rishav Sarmah

Graduate: Bachelor of Architectural Studies, Master of Architecture (Professional)

The Bachelor of Architectural Studies (BAS) offers a general introduction to architecture and related aspects of design. It forms the first part of a two-tiered programme as it's a prerequisite degree for your entry into the professional architecture qualification, the Master of Architecture (Professional) (MArch(Prof)), or one of four combined degree options that build on the MArch(Prof).

Undergraduate study with us reflects professional life. You'll undertake a stimulating and challenging variety of design projects in studio settings.

You'll also gain from core courses in architectural media, the history of architecture and urbanism, architectural technology, environmental design, and professional studies.

Career opportunities

Once you have completed a recognised qualification, such as the Master of Architecture (Professional), you can work in practice and later specialise in an aspect of the field that interests you, such as design, technology or heritage conservation. While each country has specific accreditation requirements, New Zealand-qualified architects find international employment with relative ease in Australia, Asia, the United States, and Europe.

Possible roles include architect¹, architectural historian, building industry consultant, building technologist, digital design professional, film designer, web designer, design-based librarian or archivist, heritage architect, interior designer, and project manager.

¹ Following successful completion of an MArch(Prof) programme and professional registration.

 **Find out more:** auckland.ac.nz/architecture

Hoahoa Design

We aim to prepare you for the exciting world of design. Designers are strategists, leaders, analysts and makers who envision and create the future of service, experience, systems and products. Pursue a Bachelor of Design at one of the world's leading universities for sustainable impact¹ and learn how to use the transformative power of design. Experiment with a wide variety of materials and technologies and explore traditional design techniques. Our design workshops, studios, and labs are supervised by qualified support staff who are always exploring the latest in making and prototyping to encourage and enable your creativity.

Quick facts – BDes

Full-time: 3 years

Points per degree: 360

Taught at: City Campus

Application closing date:

8 December 2025

Classes start: 2 March 2026

Classes start: Arts, Commerce, Engineering (Honours), Science

Choosing secondary school subjects

You may need to take specific subjects at school if you want to enter a Design conjoint degree programme. There are no specific subject requirements for entry into the BDes degree. However, the secondary school subjects listed below can help prepare you for Design at university.

- Art and equivalent subjects such as Art and Design, Painting, Photography, Printmaking, Sculpture
- Mathematics
- Technology subjects such as Design and Technology, Design and Visual Communication, Digital Technologies, Hard Materials

How do I apply?



Scan the QR code or go online to find out how to apply for the BDes or a Design conjoint degree programme.

auckland.ac.nz/bdes

Highlights

- Dedicated studio spaces
- Technologies and materials for prototyping and experimenting
- The opportunity to learn from leading academics with diverse design backgrounds
- Links with international industry leaders and emerging design entrepreneurs
- A flexible degree structure that allows personalised learning
- Overseas opportunities for study, internships and other experiential learning

Sample BDes degree structure

Year 1	DESIGN 100 Design Methods and Processes 1	DESIGN 101 Design Theory and Fundamentals	Elective	Elective	Elective	WTRENG 100 Waipapa Taumata Rau*	Transdisciplinary Futures course
Year 2	DESIGN 200 Design Methods and Processes 2	DESIGN 201 Creative Communities	Elective	Elective	Elective	Elective	Elective
Year 3	DESIGN 300 Design Research Methodologies	DESIGN 303 Design Research Practice	DESIGN 304 Advanced Design Methods Capstone		Elective	Elective	Elective

■ Core courses ■ Compulsory core courses ■ Elective courses ■ Transdisciplinary Futures course

¹ Times Higher Education University Impact Rankings 2024

* See page 24.



“Design is all about innovating and improving. Study Design if you are genuinely curious about how your ideas can impact the world around you.”

“The degree focuses on cross-disciplinary design and developing a core skillset that you can apply to different industries and use to solve problems. With the skills I have gained, I can approach and tackle any problem I face with a creative mindset.”

“The best part about studying design was the people – the students and staff. I loved seeing people apply their skills to solve problems in ways I would never have thought of. My favourite project was developing a concept for a platform to facilitate talanoa (discussion) about diversity in the workplace. The project focused on eliminating unconscious bias to create truly inclusive workplaces.”

Terall Timoti

Graduate: Bachelor of Design

UX Designer at Auckland Transport

From your first year, you will apply design methods and processes, increasing in complexity during your study as you develop your specialisation in design and refine your skills. Your hands-on work will enable you to create a portfolio and design profile.

Throughout the process, you will investigate how social, ethical, environmental, and economic factors influence design decisions and learn how to accommodate these factors in your design interventions. You will choose your electives from four design themes – Local Community Practices, Global Challenges, Business, and Emerging Technologies. In your final year, you will carry out a capstone design project, working from the initial discovery phase through to implementation.

Career opportunities

Designers are increasingly relied on to lead innovation, finding work in multiple industries, including business, science and entertainment. Designers address business challenges and opportunities in a responsibly disruptive way, driving innovative solutions and exceptional user experiences.

The job market is constantly changing, and new roles will continue to appear. We teach the core design skills these jobs require. This uncharted territory is precisely the kind of place in which designers thrive. Our goal is to ensure that you graduate understanding all the opportunities available to you.

Possible roles include experience designer (UX), service designer, interface designer (UI), interaction designer (IXD), creative technologist, design strategist, information designer, systems designer, and customer experience designer (CX).

➔ **Find out more:** auckland.ac.nz/design

Mātai Pūkaha Engineering

Engineering underpins every aspect of our daily lives, from nanotechnologies in food, fabrics and smartphones to awe-inspiring skyscrapers and intriguing medical robotics. Our students and staff energetically pursue technological solutions to global challenges. A Bachelor of Engineering (Honours) degree will prepare you to problem solve and innovate no matter where you take it.

Quick facts – BE(Hons)

Full-time: 4 years

Points per degree: 480

Taught at: City Campus

Specialisations: Biomedical, Chemical and Materials, Civil, Computer Systems, Electrical and Electronic, Engineering Science, Mechanical, Mechatronics, Software, Structural

Application closing date: 8 December 2025

Classes start: 2 March 2026

Conjoint options: Arts, Commerce, Design, Music, Science

- We offer exciting prospects in a high-demand profession with excellent earning potential.
- We provide rich opportunities for overseas study, internships and experiential learning

Standard Level Mathematics “Applications and Interpretation” will not be accepted.

- Any of the following are also recommended: Biology, Chemistry, English-rich subjects (Classics, English, Geography, History, History of Art).

Choosing secondary school subjects

- Students will be selected on the basis of their rank score and our subject requirements.
- NCEA applicants will be considered for entry if they have at least a minimum of 11 external Level 3 credits in Mathematics with Calculus and a minimum of 10 external Level 3 credits in Physics.
- For guaranteed entry, students require 17 external credits in Calculus and 16 external credits in Physics in Level 3; Cambridge International students require A Level Mathematics and Physics; and IB students require Higher Level Mathematics and Physics.
- Cambridge International AS Level Mathematics and Physics, or IB Standard Level Mathematics “Analysis and Approaches”, may be accepted depending on the level of grade achieved. IB

How do I apply?



Scan the QR code or go online to find out how to apply for the BDes or a Design conjoint degree programme.

auckland.ac.nz/behons

Highlights

- Real-world projects are central to our balance of theory and practice.
- World-class research centres, equipment and study facilities allow you to gain maximum value from your efforts.
- Our specialisations are accredited by Engineering New Zealand and recognised internationally.

Sample BE(Hons) degree structure

Part I	CHEMMAT 121 Materials Science	ELECTENG 101 Electrical and Digital Systems	ENGGEN 115 Principles of Engineering Design	ENGGEN 121 Engineering Mechanics	ENGGEN 131 Introduction to Engineering Computation and Software Development	ENGSCI 111 Mathematical Modelling 1	Transdisciplinary Futures course	WTRENG 100 Waipapa Taumata Rau*	ENGGEN 199 English Language Competency
Part II	ENGGEN 204 Professional Skills and Communication	ENGSCI 211 Mathematical Modelling 2	Specialisation course	Specialisation course	Specialisation course	Specialisation course	Specialisation course	Specialisation course	ENGGEN 299 Workshop Practice
Part III	ENGGEN 303 Managing Projects and Innovation	ENGSCI 311 Mathematical Modelling 3	Specialisation course	Specialisation course	Specialisation course	Specialisation course	Specialisation course	Elective	ENGGEN 499 Practical Work
Part IV	ENGGEN 403 Managing a Business	Specialisation course	Final Year Project		Elective	Elective	Elective	Elective	

■ Common core courses
 ■ Core courses
 ■ Elective courses
 ■ Specialisation courses
 ■ Final Year Project
 ■ Compulsory degree components
 ■ Transdisciplinary Futures course

* See page 24.

Our 10 Engineering specialisations

We offer a variety of specialisations that mirror the diversity of our five departments, the ever-evolving engineering profession, and our increasingly interdisciplinary research. Our 10 Bachelor of Engineering (Honours) specialisations are accredited by Engineering New Zealand, a signatory of the Washington Accord. This makes the BE(Hons) a recognisable Engineering qualification in many countries.

Department of Chemical and Materials Engineering

- Chemical and Materials Engineering

Department of Civil and Environmental Engineering

- Civil Engineering
- Structural Engineering

Department of Electrical, Computer, and Software Engineering

- Computer Systems Engineering
- Electrical and Electronic Engineering
- Software Engineering

Department of Engineering Science and Biomedical Engineering

- Biomedical Engineering
- Engineering Science

Department of Mechanical and Mechatronics Engineering

- Mechanical Engineering
- Mechatronics Engineering

➔ **Find out more:** auckland.ac.nz/engineering-specialisations



“After my first year, I loved being in the lab and developing my knowledge of chemistry and physics. The idea of turning theories and molecules into tangible wonders or solutions sparked my curiosity. I get excited from every little discovery taught in the lab.”

“I would describe the support I received from SPIES, the South Pacific Indigenous Engineering Students network, as energetic, kind, and heartfelt. The encouragement from my peers and members of SPIES provides a safe and social space for learning and interaction with others. It is an excellent way to build confidence and make lifelong friends.”

“I participated in the University’s interfaculty Great Waka Ama Race as an Engineering Eagles team member. We came first, so we got to travel to Hawai’i to represent the University at the Queen Lili’uokalani Canoe Race. Being out on the water is refreshing, taking in the sea breeze and connecting to my roots. My ancestors were voyagers, and I could feel their presence guiding me. I will save those memories and keep them close to me. Taking these opportunities and having more experiences are what makes life so colourful.”

“Studying a Bachelor of Engineering (Honours) Bachelor of Laws conjoint programme, I gained insight from the interpretations, the experimentations, and the hard work put into both degrees.”

“Once I graduate, the plan is to return back home to the Cook Islands and use the knowledge and abilities I’ve gained to help develop the country further, and positively impact their sustainability and environment.”

Meilani Karika

Student: Bachelor of Engineering (Honours) in Chemical and Materials Engineering/Bachelor of Laws conjoint

Pūhanga Matū Chemical and Materials Engineering

In facing future global challenges, we need transformative change in the way we utilise and process materials, energy, and data. By studying Chemical and Materials Engineering, you will develop as an engineer who can help deliver and drive the change towards a more sustainable future. You will learn how to translate innovations into actual real-world applications in areas such as food engineering, industrial waste, resource recovery, and materials for sustainable energy production. Our students learn about “scaling-up” benchtop discoveries into practical new technologies and processes for industry. They are highly sought after by a large number of industries.

Career opportunities

Major industries employing chemical and materials engineers include dairy and food, pharmaceuticals, paper and pulp, petrochemicals, energy processing and production, construction and cement, timber, water treatment, resource development and management, electronics, and mineral processing industries such as aluminium and steel production. As sustainable practices become increasingly critical, chemical and materials engineers will also be required to re-evaluate and re-design many of the fundamental products and processes that these industries are built on.

➔ **Find out more:** auckland.ac.nz/chemmat





Pūhanga Metarahi Civil Engineering

Civil engineers shape the world that we live in, thereby making modern life possible. They work on the planning, design, construction and maintenance of infrastructure. That includes transportation networks, coastal protection, water and wastewater systems, tunnels and dams. The breadth of Civil Engineering means that you will study transportation, geotechnical, hydraulic and environmental engineering, as well as construction and project management. You will also gain a solid underpinning in structural design, although students who want to focus in this area should choose the Structural Engineering specialisation. Civil engineers are increasingly being tasked with developing environmentally sustainable and resilient solutions to our infrastructure challenges, in response to population growth, climate change and natural disasters.

Career opportunities

The demand for civil and environmental engineers continues to exceed supply. As cities continue to grow, ageing infrastructure must be replaced and the need to rectify human harm to the environment becomes critical. You will find opportunities in state-owned enterprises, in regional and district councils and in the private sector as an engineering contractor or consultant. A number of our graduates have progressed into the top echelons of business organisations around the world.

➔ **Find out more:** auckland.ac.nz/cee

“In my first year of Engineering, I was unsure of which specialisation to select, I felt overwhelmed with choice! But eventually, I chose Civil Engineering because it is a jack of all trades. It includes the water sector, civil infrastructure, transport, environmental, and geotechnical. I like that Civil Engineering is broad and there’s so much to explore.”

“The best thing about the student life here at the University of Auckland is meeting new people – not just from my Civil Engineering specialisation, but from all over campus. It’s so exciting to share our love for engineering.”

“The support I’ve received while studying here has been 10/10, especially in first year which was quite a daunting experience. Making the transition from high school to university life, I remember there were peer mentors available five days a week. That was so helpful.”

“I remember as a Year 13 student I went to all of the University’s information events available. The Engineering Info Evening was my first trip to the Engineering grounds. It was really exciting seeing a lecture theatre and just the whole space. I was quite overwhelmed but I’m so glad I went. It was a great experience.”

Bhanu Raveenthiran

**Student: Bachelor of Engineering (Honours)
in Civil Engineering**

“Structural Engineering involves hands-on work. I’ll get to design and witness my creations being built, which will bring me pride and a deep sense of satisfaction.”

“I’m 29 – so a bit older than everybody else in my cohort. I was studying engineering back home in Brazil. I came to New Zealand and decided to continue my undergraduate studies at the University of Auckland after gaining some work experience and receiving my residency. One of the main reasons I chose to study here is because the BE(Hons) programme has the Washington Accord recognition, which is outstanding when compared to other universities.”

“Structural Engineering serves society as a whole. Everyone needs structures, everyone needs water, everyone needs roading. These things are essential in every country, and this aligns with my aspirations to do humanitarian work. With Structural Engineering, I know I have broad opportunities. Also I really enjoy the fact that it’s both creative and technical.”

“I took part in the Dean’s Leadership Programme (DLP). It was great to have that recognition from the University and to know that they saw I had potential to be a leader. The most important takeaway was that leadership centres around people. It’s not merely about task completion but involves understanding the team and oneself to effectively manage tasks and address various situations.”

Douglas Nadys Goncalves

**Student: Bachelor of Engineering (Honours)
in Structural Engineering**

Pūhanga Rangaranga Structural Engineering

Structural engineers are essential to our built environment, applying principles of mechanics and materials to create structures that can withstand a range of loading conditions. They work on the design, analysis, construction and maintenance of residential, industrial and commercial buildings, bridges, and other civil infrastructure. Structural engineers also have a solid underpinning in geotechnical engineering and other civil engineering disciplines, which facilitates collaborative work. Their technical knowledge enables them to design our built environment to resist the forces of nature, including earthquakes. As many parts of the world are increasingly susceptible to natural disasters, the structural engineering profession is especially important to the safety and resilience of people and communities.

Career opportunities

A major benefit of Structural Engineering is the direct link between your study and future employment. We live in a time of rapid population growth, ageing infrastructure, and changing climatic, technical, and economic conditions. These factors increase demand for skilled structural engineers both within Aotearoa and abroad. Structural engineers are notable specialists of the civil engineering field, and can find work opportunities in both the public and private sectors.

➔ **Find out more:** auckland.ac.nz/cee





Pūhanga Koiora Rongoā Biomedical Engineering

Biomedical engineers combine engineering, biology, and medicine to better understand our complex bodies and resolve challenges in the healthcare industry. They develop technology and design solutions for better diagnosis, more effective medical treatment, and quicker recovery. Biomedical Engineering is a rapidly diversifying field, and as the role of technology in healthcare becomes more prominent, biomedical engineers find themselves at the forefront of real-world, life-changing progress.

Career opportunities

Biomedical engineers often gain employment in the medical, healthcare and biotechnology sectors, research facilities, hospitals and government regulatory agencies. They design medical devices, prostheses and implants, develop drugs and drug delivery systems, improve sports and injury assessment, and work in medical IT. As some of the most versatile professionals in the field, biomedical engineers can also be found in areas like software development, electronics, consulting, financial modelling, and the food, meat and wool industries.

➔ **Find out more:** auckland.ac.nz/esb

“I was originally based in Wellington, but I wanted to go somewhere new. I wanted to enjoy a bigger city, and the University of Auckland has so many options available it felt like a natural choice.”

“My favourite project was my Final Year Project, which was computationally modelling cardiac cells. I was trying to investigate certain channels that may or may not contribute to heart failure and create a clinical link between them.”

“I really enjoy the balance between everything here; the labs, the lectures, socialising, and other interactions. I enjoy the community that we have in Engineering. It’s so big. You have so many options to find your passion and you have a lot of support behind you to help you do what you want and do it well.”

“One of my favourite things we did was called Systems Week. It’s a one-week event where our regular classes are postponed, and we instead work with 35 different students from other specialisations to tackle a nationwide problem. I really enjoyed talking to everyone from all the different specialisations, getting to know one another, and working together to solve a complicated real-world problem.”

“I attended Mānawa Mai Open Day in Year 13 and learnt about Biomedical Engineering. The people there were really helpful. They introduced me to this new area of study, and it really interested me. I went through pre-med initially, however I missed the physics and maths aspect. When I realised I could transfer straight into second year Biomedical Engineering, I took the opportunity through Summer School and haven’t looked back since.”

Alexander Yan

Graduate: Bachelor of Engineering (Honours) in Biomedical Engineering

“I really enjoyed my Final Year Project. It involved using analytics, optimisation, and data to model the borrowing of Te Reo Māori words into English, which is something I didn't think you would even be able to do with an Engineering degree.”

“Engineering Science stood out to me because it wasn't confined to one area or industry. The elective courses allow you to tailor the programme to your interests. I was particularly interested in technology and the data analysis side of Engineering Science.

“This year I'm the Vice President of SPIES, the South Pacific Indigenous Engineering Students network. Our events aim to support students culturally, academically, and socially. My favourite part of my role is being in a position of influence and creating events that nurture these areas. It's been an incredibly rewarding role that has helped me gain leadership experience and develop professionally.

“Through my internship with Tetra Tech Coffey, I worked in the Environmental and Social Advisory team, primarily on Environmental and Social Impact Assessments and Environmental and Social Management Plans for various projects around the world. I loved the range of projects and being able to learn about the different environmental and social impacts that must be considered, as well as the different measures to manage these.

“I'd like to make a positive impact on communities through my career and prioritise sustainability and environmental concerns. I hope to include more of the technical skills that I've developed, and learn new software and programs used in the industry.”

Grace Little

Ngāti Kahungunu, Rongomaiwahine and Nukunonu, Tokelau
Graduate: Bachelor of Engineering (Honours) in Engineering Science

Pūtaiao Pūhanga Engineering Science

Engineering scientists are problem solvers committed to the science of “better”. They use their intellect and advanced mathematical skills to design ways to optimise and improve systems. How can a forest be managed to make a profit while still remaining environmentally friendly? How can a sail be designed to work in low wind conditions? What prices should be charged for airline tickets to maximise the revenue from a given flight? These are the kind of questions engineering scientists are tasked with solving.

Career opportunities

The diverse range of options available throughout your degree will directly contribute to your professional versatility. You might end up developing software, modelling production processes for a large manufacturer, or perhaps you'll take up a management position with a bank. Our graduates can be found in leading New Zealand companies like Fonterra, Air New Zealand, and Meridian Energy, in government organisations including NIWA and Transpower and in consultancy firms such as Beca and AECOM.

➔ **Find out more:** auckland.ac.nz/esb





Pūnaha Rorohiko

Computer Systems Engineering

Computer Systems Engineering is needed in almost every industry across the world. It constitutes the core of the controllers and components of wireless communication systems, home automation systems, appliances, automobiles, factory processes, mechatronics, instrumentation, embedded systems and nano-systems. Computer Systems Engineering is a crucial discipline that pushes us to solve practical engineering problems with computer-based approaches, often by embedding a computer system into a complex operation that can sense, problem-solve and act in the real world.

Career opportunities

As innovative design and product development continue at pace, so does the demand for qualified engineers. As a graduate, you will find opportunities in multinational computer companies, consultancy firms, the telecommunications industry and in the research and development teams of companies in a multitude of sectors. You might extend your Final Year Project, develop a new technology and form your own start-up company.

➔ **Find out more:** auckland.ac.nz/ecse

“I chose Computer Systems because I enjoy both software and hardware, and this specialisation captures them perfectly. There’s a lot of space within the specialisation. I found it very freeing. You get to tackle something new every day, and it’s always exciting to solve a new problem in various ways.”

“I attended the Engineering Info Evening. It was a really informative event that allowed me to see different perspectives of engineering life at the University, including both academia and student lifestyle. Hearing about various experiences in social clubs from current students was insightful. I definitely recommend attending these events.”

“I’m also a part of the Engineering Revue. It’s a stage show entirely run by engineers! The actors, the dancers, the band, even the people backstage and the tech crew too. It’s a group of Engineering students that bring a friendly, welcoming atmosphere, have a good time and put on an amazing show for the people.”

“It may sound daunting to give Engineering a go. There’s a misconception that it’s really difficult, but the same could be said for any degree. If you are interested in making peoples’ lives better, have a knack for solving problems, or you’re just keen to see what engineering is about, look into it further – because it is a rewarding degree you won’t regret.”

Rishi Shukla

Student: Bachelor of Engineering (Honours) in Computer Systems Engineering

“Electrical and Electronic Engineering encourages curiosity and creativity in exploring technological findings. In the courses, your passion for understanding how things work and all things technology bring you on an exciting journey. By solving problems and puzzles applied to real-life situations, you can potentially change the future with your innovations.

“Studying Engineering at the University of Auckland, in the ‘City of Sails’, has presented a myriad of exciting opportunities and adventures.

“ELECTENG 310 is the first design course in our third year. I learned essential skills such as working in a team and building on my technical skills. The project allows you to design for a client with some freedom in design choices along with client specifications. This course is where theory starts becoming real-life. You begin to see and understand that there’s so much more than just what’s on paper.

“The Women in Engineering Network has been a huge support and really helped me cope with the transition from high school to university. There are a lot of exciting, fun events to participate in, such as painting evenings, lunches, volunteering outreach programmes and the MET gala dinner. There are also plenty of career-development opportunities, which include speed networking, internship meet and greets, and guidance through each year.

“After I complete my degree, my career goals include using my skill set and passion for a clean environment to progress renewable energy sources and improve energy storage efficiency.”

Soleil de Bruto

**Student: Bachelor of Engineering (Honours)
in Electrical and Electronic Engineering**

Pūhanga Hiko me te Tāhiko Electrical and Electronic Engineering

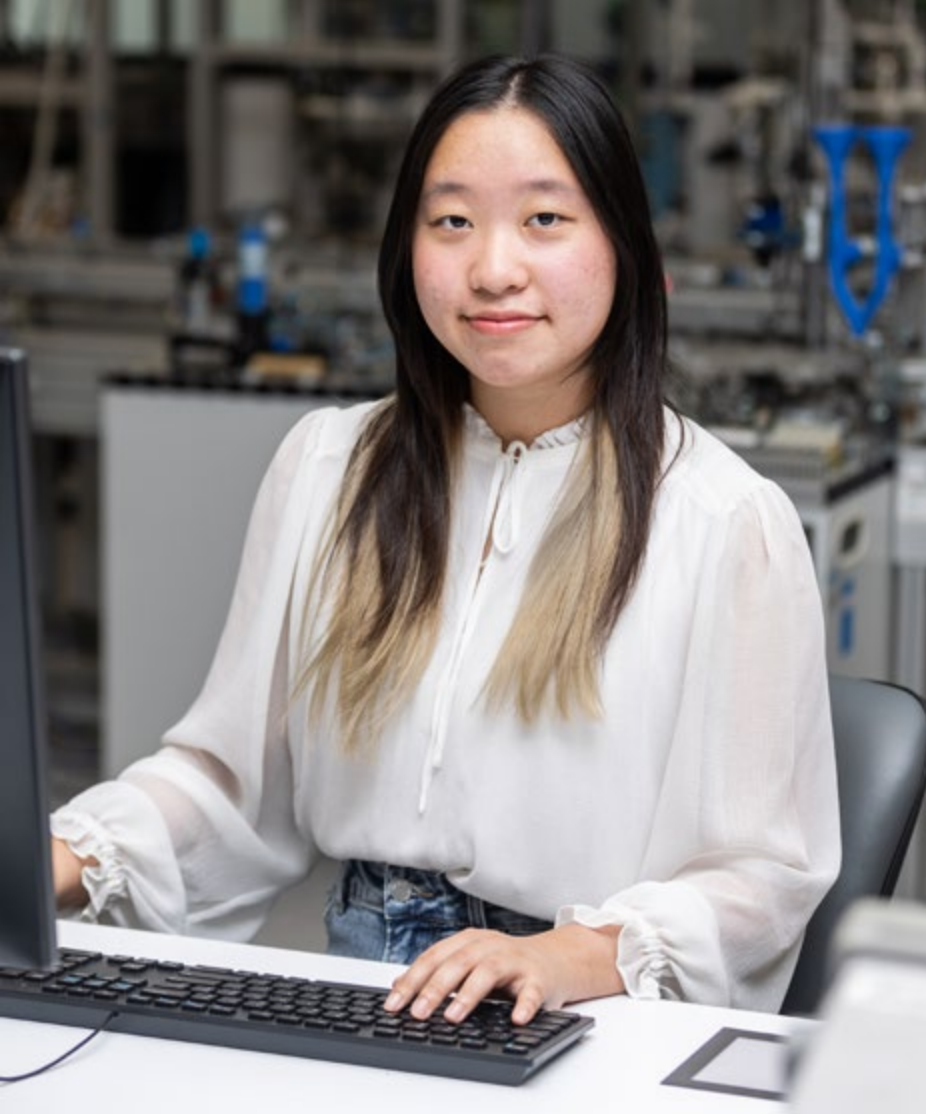
Modern society is highly dependent on reliable power, communications and electronic systems. Electrical and electronic engineers design the equipment and systems that provide these essential services. The discipline encompasses a range of exciting and diverse fields, from heavy electrical power generation, to sophisticated medical electronics, computer modelling, electromagnetics, information technology and the global telecommunications network. We will have electrical and electronic engineers to thank when new forms of green electricity are developed and electric vehicles replace our fossil-fuel-powered fleet.

Career opportunities

This engineering discipline changes so rapidly that it may be difficult to envision the types of technology you will be working on by the time you graduate – they may not even be invented yet! Today, our graduates are employed in roles relating to communications, wireless computing technologies, electronics, instrumentation, power electronics and motor-control. Opportunities also exist in processing industries such as timber, pulp and paper, steel, aluminium, meat and dairy.

➔ **Find out more:** auckland.ac.nz/ecse





Pūhanga Pūmanawa Software Engineering

Software Engineering is behind many of the things we now take for granted – internet banking, online shopping and mobile payments. It is the apps on your smart phone, the games on your computer and the cloud storage you depend on to back up your devices. This area of engineering is being propelled by widespread demand for faultless software support. The creative possibilities can stretch as far as your imagination!

Career opportunities

Software engineers are emerging as the newest generation of IT workforce leaders as government agencies, businesses and individuals increasingly rely on cloud-based solutions. As a graduate, you could end up in virtually any company and manage their information storage and sharing technologies. You might choose to join a dedicated software consultancy firm, or work your way up to management. Or you might extend your Final Year Project into postgraduate research, and use that to kick-start your very own start-up company.

→ **Find out more:** auckland.ac.nz/ecse

“The job stability was something that attracted me. Out of all the Engineering specialisations, software was the one that stood out to me the most because I found that there’s so much variety in the work that you can do. I really enjoyed the first-year courses and from there I got to know about the different areas of tech. I always knew I wanted to be in the tech sector, and what better specialisation to choose than Software Engineering.”

“I started studying Engineering because I always knew that I wanted to do something a bit technical. Growing up, I enjoyed maths and science. But I also wanted something that wasn’t purely theory. I wanted to actually apply my learning, and Software Engineering is where technical knowledge is applied. It’s a form of problem solving for technology.”

“I went to a Women in Engineering event, Enginuity Day, when I was in high school. We got to walk around the university, and I thought it was quite interesting as well as the activities we did. The facilities were really cool. Being able to walk around before actually being in the university was great because I could envision myself studying here.”

“I’m also part of the Software Engineering Student Association, where I was Secretary this year. It’s where we help Software Engineering students navigate their way around the industry, through essential skills they might need, social events, and overall building of a community.”

Kyla Lee

Student: Bachelor of Engineering (Honours) in Software Engineering

“In Year 13 I went to Enginuity Day, which is run by the Women in Engineering Network. That was when I saw where I could go with my high school physics and calculus classes. Getting to see and experience what students do helped solidify engineering as my place to be.”

“I grew up in Auckland, so it was nice to have the support of my family and friends, and some familiarity as I branched out on this new chapter. It’s been really nice getting to see another part of town and be a part of this community here in the city.”

“I love the design focus and creative freedom Mechanical Engineering offers. I’ve always liked to understand how tangible systems move and work.”

“As Mechanical Engineering students, we do a lot of physical design projects in groups, which I think is good because in industry you’re always working in teams. It’s interesting to hear other people’s perspectives, and to collaborate so that we come up with the best possible solution to a problem.”

“I joined the Women in Engineering Network’s executive committee as a leader for the Part I team. I love being able to give back to the community and the faculty by welcoming our first-year students into university life – and I always enjoy their passion, energy, and open minds.”

“If you’re curious about the world in general, then engineering will give you the answers you’re looking for. Once you’re able to understand how maths and science fit into what you see and experience around you, life becomes all the more fascinating!”

Olivia Gordon

Student: Bachelor of Engineering (Honours) in Mechanical Engineering

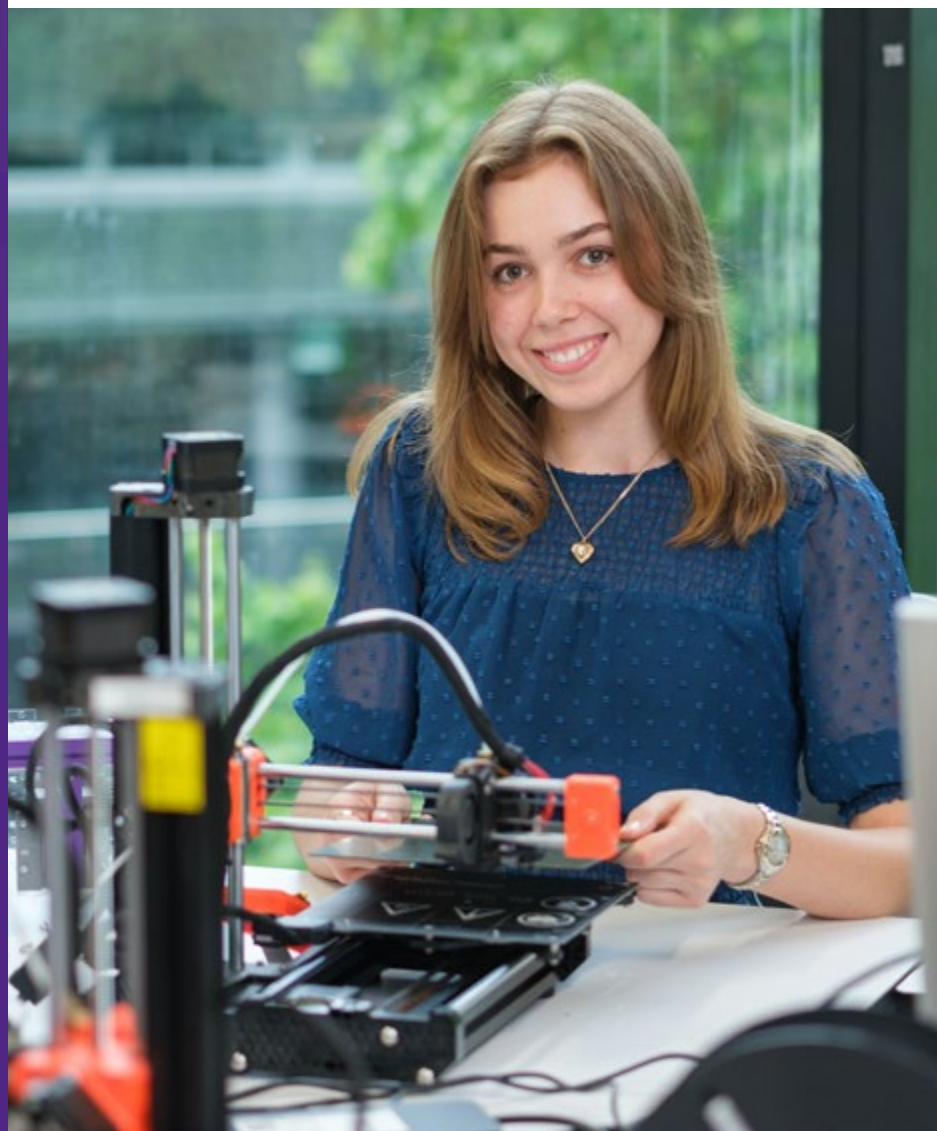
Pūhanga Pūrere Mechanical Engineering

Mechanical engineers design and produce devices like robots, wind turbines and rockets. Their work ranges from the small to the big: from nanotechnologies to the large-scale industrial machinery in paper mills and car assembly plants. Mechanical engineers also deal with thermodynamics and fluid dynamics, and they understand how to use energy efficiently in processes. Amongst other projects, they use these skills to design heating systems for hospitals and cooling solutions for refrigeration plants, and to make sure aircraft and yachts move efficiently.

Career opportunities

As a graduate, you might pursue opportunities in the manufacturing or transport industries, or in large-scale plants that produce things like wood pulp, dairy products, meat, steel, petroleum and electricity. Many of our graduates enjoy the variety involved in consultative engineering, where they are commissioned by companies to plan, design and implement a range of projects, which are often confined by challenging and industry-specific parameters.

➔ **Find out more:** auckland.ac.nz/mech





“I was excited about the idea of being a part of the robotics and automation evolution, positioning me at the forefront of the developing technological world. My degree in Mechatronics Engineering at the University of Auckland really helps me to realise my ambition to achieve that. I hope to actively contribute to high-impact projects that can make a positive difference.”

“When I left high school, I was very close to pursuing a degree in medicine, given that both of my parents were involved in this field. I ended up choosing engineering with the ambition to combine medicine and engineering through the likes of intelligent and robotic prosthetics. I have always enjoyed understanding how things work, tinkering, and dismantling and reassembling items, especially with technology evolving so fast.”

“University is the perfect time to explore all your options and get a taste of everything. Within my degree I’ve done process engineering, product development, engineering project management and more. I have loved Mechatronics Engineering as it’s such a broad specialisation that encompasses so many aspects. It allows you to end up anywhere. I’m not sure where I’ll end up and that’s exciting.”

“I would recommend halls of residence to anyone, especially in first year – it’s the best start to your university life. You meet so many people and you make friends for life there. Throughout my degree I’ve made close friends that have continued to push me to study, keep active, and achieve highly; it’s been a close support network. We’ve all worked collaboratively to motivate and encourage each other.”

J.D. Rosset

Graduate: Bachelor of Engineering (Honours) in Mechatronics Engineering

Pūhanga Pūrere Tāhiko Mechatronics Engineering

Mechatronics engineers use specialist knowledge in mechanics, electronics and computer systems to design and develop automated systems. These can include technologies like chassis-stabilising systems, anti-lock brakes, engine control units, disk drives, service and surgical robots, cameras and medical devices. These systems are all largely mechanical in nature, but could not function without their electronic and computer control system components. As “jacks of all trades”, mechatronics engineers are often generalists rather than specialists, with a versatility that is highly valued in the workforce.

Career opportunities

This specialisation aligns with the modern world’s desire for a high-tech, knowledge-based economy. As society moves toward “smart homes”, cities and grids, mechatronics engineers will be in high demand. Our graduates can be found in a wide range of jobs that involve the design and improvement of high-tech products, such as home appliances, medical devices, machine tools, and processes related to precision agriculture and remote sensing.

➔ **Find out more:** auckland.ac.nz/mech

Whakamahere Tāone

Urban Planning

Urban planners play a critical role in shaping our cities, determining how we work, live and play. They deal with the complex issues of urban growth, climate change, sustainability, infrastructure, transport, land use and social justice, ensuring high-quality urban design. The Bachelor of Urban Planning (Honours) is the only programme of its type in the country. It's designed to provide you with the critical knowledge and skills required for urban planning practice in an increasingly complex and diverse world.

Quick facts – BUrbPlan(Hons)

- Full-time:** 4 years
- Points per degree:** 480
- Taught at:** City Campus
- Application closing date:** 8 December 2025
- Classes start:** 2 March 2026

- A professional degree recognised for membership of the New Zealand Planning Institute (NZPI)
- Overseas opportunities for study, internships and other experiential learning.

How do I apply?



Scan the QR code or go online to find out how to apply.
auckland.ac.nz/burbplan-hons

Choosing secondary school subjects

There are no specific subject requirements for entry into the BUrbPlan(Hons) degree. However, the secondary school subjects listed below can help prepare you for Urban Planning at university.

Highlights

- Real-world learning experiences through studio-based teaching projects
- Courses combining creativity, critical thinking, design and analysis
- Thorough preparation for professional life through the development of leadership and project management skills

- English
- Social Sciences subjects such as Classical Studies, Geography, History
- Technology subjects such as Design and Technology, Design and Visual Communication, Digital Technologies

Sample BUrbPlan(Hons) degree structure

Year 1	BLTENV 101 People, Place and Design Studio	BLTENV 102 Environmental and Social Justice	BLTENV 103 Media for Spatial Practices	WTRENG 100 Waipapa Taumata Rau*	URBPLAN 101 Introduction to Urban Planning	URBPLAN 124 Ecosystem, Sustainability and Environment	URBPLAN 125 Urban Planning Studio 1
Year 2	URBPLAN 205 Urban Infrastructure and Transportation Planning	URBPLAN 221 People, Housing and Communities	URBPLAN 222 Urban Economics	URBPLAN 223 Planning Law and Applications	URBPLAN 225 Urban Planning Studio 2		URBPLAN 226 Urban Planning Studio 3
Year 3	URBPLAN 307 Negotiation, Mediation and Project Management	URBPLAN 321 Urban Policy Analysis, Development and Research Skills	URBPLAN 323 Māori Planning	URBPLAN 325 Urban Planning Studio 4		URBPLAN 326 Urban Planning Studio 5	Transdisciplinary Futures course
Year 4	URBPLAN 711 Urban Planning Theory	URBPLAN 714 Urban Planning Methods and Plan Making Studio	URBPLAN 716 Contemporary Wicked Problem Studio		URBPLAN 734 Smart City Planning	URBPLAN 735 Resource Consents and Implementation, Evaluation	URBPLAN 757 Research Project

■ Core courses ■ Compulsory core courses ■ Transdisciplinary Futures courses

* See page 24.



In your first year, you will explore the historical development of urban planning, its theoretical underpinning and ways in which this history and theory are applied to urban planning practice.

You will also gain an introduction to professionalism, ethics and contemporary issues facing practitioners as you learn about the factors that influence the shape and structure of our urban spaces.

In addition, you will study successful urban planning policy; understand how environmental, cultural, social and economic factors impact urban planning practice; and develop drawing and visual literacy skills to convey ideas in urban planning.

Over the next three years, your courses will cover sustainable and resilient urban development, housing and affordability issues, the integration of infrastructure with land use, transportation planning, Māori urban planning, and visual and spatial literacy, as well as urban design, urban economics, urban environmental issues, and urban planning law.

Career opportunities

Worldwide, more and more people are moving from rural to urban environments. There is increased need for urban planning graduates with the strategic knowledge and skills for problem-solving in this pressured and challenging context.

Employment opportunities exist within central and local government, community groups, iwi authorities, NGOs and private practice.

Our graduates are currently working throughout New Zealand, Asia, the Pacific, the UK, Australia and North America.

➔ **Find out more:** auckland.ac.nz/urban-planning

“I have always been interested in how communities can be improved, especially living in one of Auckland’s vulnerable neighbourhoods. This passion stems from enjoying geography and statistics in high school and trying to understand better how people and place play a role in shaping cities.”

“Statistics and geography paved the way for my passion for urban planning. I was surprised by the range of topics we studied in the degree, such as law, economics, design, sustainability and ecology, to name a few. You can follow many career pathways with a planning degree!”

“I started my internship with Arup in 2019-2020 as part of the TupuToa Internship Programme. I was initially nervous because it was my first corporate urban planning job, but I really enjoyed the experience and exposure.”

“The University of Auckland is the best place in New Zealand to study Urban Planning. My mother, sisters and cousins also studied here, so it felt like I was holding onto that tradition.”

Angela Tabea Fusitu'a

**Graduate: Bachelor of Urban Planning
and Master of Planning**

Intermediate Urban Planner at Arup

Enabling your success

Our dedicated support services complement our culture of academic excellence. These services help create an environment where our students feel welcome and inspired.

Modern learning environments

Our buildings are located at the heart of Auckland, on our University's City Campus. They have many tailor-made spaces, including over 50 specialist research laboratories across 11 floors. These encourage multi-disciplinary teaching and learning. There are also numerous dedicated digitally-equipped design studios, workshops and labs.

International recognition

Our 10 Engineering specialisations are accredited by Engineering New Zealand, a regulatory professional body and signatory to the Washington Accord, recognised worldwide.

Te Pare School of Architecture and Planning is renowned for shaping New Zealand's future leaders in architecture and the built environment.*

Innovation and entrepreneurship

We are committed to building a culture of innovation and entrepreneurship, and we're ranked highly amongst the worlds most international universities.**

Outside of study, our students have found success in initiatives at Velocity, the University's entrepreneurship development programme.

Open Desk Programme

Our Open Desk programme offers Architecture students the opportunity to spend time with architecture firms, during semester break. Industry professionals enhance every aspect of the programme, bringing real-world experience and expertise to the learning environment.

Women in Engineering

We have one of the highest participation rates of women in tertiary-level Engineering across New Zealand and Australia. We strive to inspire and empower women to achieve their aspirations in Engineering.

Practical experience

You'll gain relevant experience in the workplace alongside industry professionals. Prepare for your career before you've even graduated with the hands-on experience gained throughout your chosen degree.

Systems Week

Our engineering students take part in a focused week-long team project in which they are given a real-world problem to research, analyse, synthesise, and develop a solution for, using the knowledge gained from across their degree.

Strong career and employment outcomes

The University of Auckland is the leading university in the country for reputation, making our graduates highly sought-after by industry employers. With the highest employability rate in New Zealand*** we can assure you that opportunity is around every corner.

We offer programmes with a high level of interdisciplinarity, allowing you to choose the career that's right for you.

Career support and development

Make the most of our career-focused courses, internship opportunities, and industry connections. Prepare for your career while studying something you are passionate about.

Scholarships

We offer a vast number of scholarships. Take a look at our full range of undergraduate scholarships online.

auckland.ac.nz/scholarships

Research excellence

We have more top-rated researchers and a higher level of research income than any other New Zealand university. This equips us with the best knowledge our country can offer.

You'll have access to well-established research centres and facilities. We also have a strong network with various other research centres around the University, including the renowned Auckland Bioengineering Institute.

This opens up opportunities, especially if you're already thinking ahead to a future in research or postgraduate study.

Waipapa Taumata Rau core course

Our Waipapa Taumata Rau core course focuses on core knowledge relevant to the Faculty of Engineering and Design, the significance of place-based knowledge, and Te Tiriti o Waitangi.

You will develop foundational critical and ethical thinking, communication, and collaborative skills essential for success in your undergraduate study and the workforce. You should complete this core course in your first year.

auckland.ac.nz/wtr

* QS World University Rankings by Subject 2024

** Times Higher Education's 2024 list worlds most international universities

*** Times Higher Education Global Employability University Ranking 2023-24



Explore our
exciting events
coming soon!

[auckland.ac.nz/
engineering/events](http://auckland.ac.nz/engineering/events)

Life on campus

University is both a challenging and exciting experience. At the Faculty of Engineering and Design, we're dedicated to providing strong academic support, as well as a variety of events year-round. Through our wide array of student clubs and associations, we're proud to nurture networks that foster diversity amongst our students. Our goal is a supportive and inclusive environment for all.

Part I Assistance Centre

First-year Engineering students can receive weekly academic assistance from high-achieving student guides during both Semester One and Two. These mentors are trained and supported by our course coordinators throughout the semester.

In-house support

The Student Support and Engagement team will support you academically, personally and professionally. They are there from Orientation through to employment, providing academic help and links to key support services.

These include health and counselling, Career Development and Employability Services and academic help.

foe-engagement@auckland.ac.nz

Tuākana Tutorial Programme

The Tuākana Programme is an initiative designed to support Māori and Pacific students in their first year of study.

Academic support and targeted tutorials are provided through the Tuākana Tutorial Programme. Through the Tuākana Mentoring Programme, tuākana mentors – senior Māori and Pacific students who have been trained in mentoring – also meet with their teina regularly to discuss any problems or issues they may have.

Student Hubs

The Student Hubs are your physical gateway to Waipapa Taumata Rau, the University of Auckland, providing welcoming and friendly support to help you navigate potential study options, groups, clubs, University services, and more.

Our specialised hub staff are available seven days a week, across all our campuses in Auckland, to answer any questions you

may have about your study options and the application process.

Once you are enrolled and part of the University whānau, the Student Hubs will be your access point for general information and mana-enhancing learning support. They also provide programme and course advice, as you progress through your studies and prepare for your exciting next step.

auckland.ac.nz/student-hubs

Accommodation

The University of Auckland is the largest provider of student accommodation in the country. We offer our students the opportunity to live in the heart of the University throughout their studies.

We now offer more accommodation options than ever before, and we're confident that we can find you somewhere welcoming, comfortable, fun and safe. Our offerings range from catered Halls of Residence to self-catered flats and apartments.

All our accommodation communities are supported by a Resident Manager, Resident Coordinators and their teams of Resident Advisers. We want you to enjoy all the fun of hall life – whilst also benefitting from a quiet lifestyle when study is your priority.

auckland.ac.nz/accommodation

Clubs and associations

We ensure that you have the spaces and opportunities to make new friends and enjoy the vibrant culture of student life.

You may choose to join specific networks, such as Students of Urban Planning and Architecture (SUPA), the Women in Engineering Network (WEN), the South Pacific Indigenous Engineering Students Network (SPIES), and the Rainbow Engineering Network.

There are also lots of clubs for various areas of interest, including the Engineering Revue, the University of Auckland Formula SAE Team (FSAE:47), and Engineering for Sustainable Development.

Women in Engineering Network (WEN)

The Women in Engineering Network (WEN) aims to empower women studying Engineering within our faculty and build connections between them. They coordinate social activities, professional development opportunities, and forums for academic support.

South Pacific Indigenous Engineering Students Network (SPIES)

The student-led South Pacific Indigenous Engineering Students Network (SPIES) is dedicated to supporting Māori and Pacific Engineering students. They help to increase the Māori and Pacific presence within the engineering industry, and build students' character by hosting events and workshops through a friendly and supportive environment.

Rainbow Engineering Network

The Rainbow Engineering Network provides support, advocacy, and opportunities to network within the faculty and industry.

Within the Faculty of Engineering and Design, the Rainbow Engineering Network provides opportunities to meet and connect with fellow LGBTQITakatāpui+ students. They provide information about services, news and events, and a voice for our LGBTQITakatāpui+ students and staff.



Entry requirements

To gain entry into the undergraduate programmes offered by the Faculty of Engineering and Design, you must meet admission, programme and undergraduate English language requirements.

University Entrance Standard

To apply for admission based on secondary school qualifications, you need to meet the University Entrance Standard established by Universities New Zealand. auckland.ac.nz/entry-requirements

Programme requirements

As well as achieving University Entrance, you must also meet the entry requirements for your programme of choice.

Guaranteed entry requirements			
Programme	NCEA (Level 3)	CIE	IB
Bachelor of Architectural Studies (BAS)	230	280	31
Bachelor of Design (BDes)	180	190	27
Bachelor of Engineering (Honours) (BE(HONS))	260 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics	310 with Mathematics and Physics at A levels*	33 with Mathematics and Physics at HL level*
Bachelor of Urban Planning (BUrbPlan(Hons))	180	190	27

*The following may be accepted based on grade achieved: AS Mathematics and Physics for CIE students, and SL Physics and SL Mathematics: Analysis and Approaches for IB students.

Rank scores for conjoint programmes

The rank score for guaranteed admission into a conjoint programme is higher than that for a single bachelors programme. You can find the rank score and programme requirements for each of our conjoint programmes online.

auckland.ac.nz/conjoints-by-faculty

Bachelor of Architectural Studies (BAS) application portfolio

To apply for the BAS, you must:

1. Complete the Application for Admission
2. Submit a portfolio via the portfolio portal system, SlideRoom
3. Submit a one-page written statement via the portfolio portal system, SlideRoom

For more information on how to prepare your BAS application portfolio, visit auckland.ac.nz/bas

Calculating your rank score

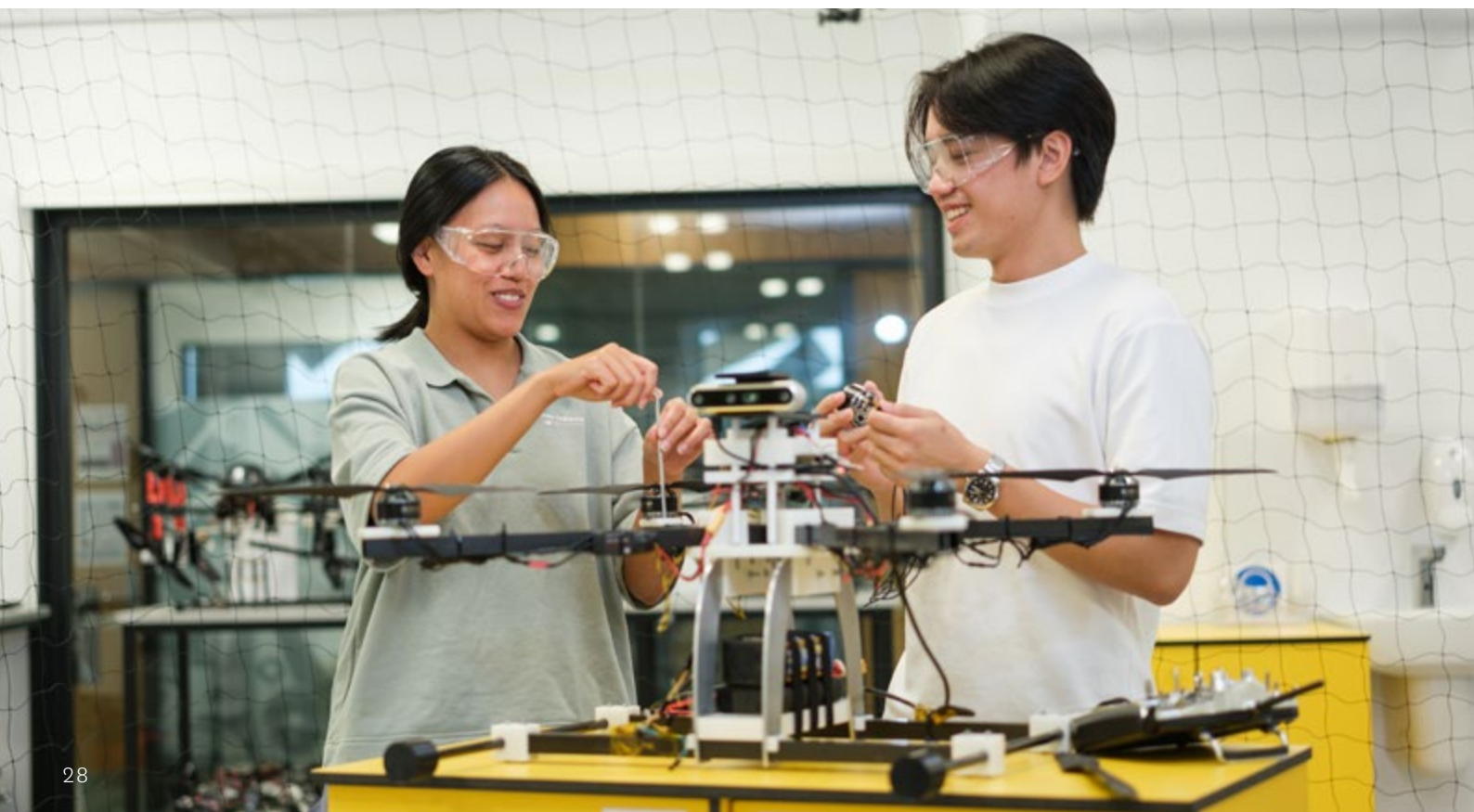
National Certificate of Educational Achievement (NCEA) Level 3

Your rank score is based on your best 80 credits at Level 3 over a maximum of five approved subjects. These credits are then weighted according to the level of achievement in each set of credits: Excellence (4 points), Merit (3 points) or Achieved (2 points).

A maximum of 24 credits are counted for each approved subject. The maximum rank score is 320. If you achieve fewer than 80 credits, the rank score will be based on your total Level 3 credits gained over a maximum of five approved subjects and weighted by the level of achievement.

Credits obtained in required subjects do not have to be among the best 80 credits used to calculate the rank score. NCEA Level 3 credits achieved before Year 13 can count towards the 80 best credits used for ranking.

Those who completed Year 13 Calculus and Physics but did not meet the rank score may still be considered.



University of Cambridge International Examinations (CIE)

Your rank score is based on the UCAS Tariff score for up to six subject units at AS level (one subject unit) or A level (two subject units). A maximum of two subject units can be included from any one syllabus group in the table of available syllabus groups, which are broadly equivalent to those in the list of approved subjects for NCEA. If you have completed more than six subject units, the best six scores will be used. Thinking Skills and the General Paper will be excluded from the rank score calculation. The maximum rank score is 420. The following points are awarded for each syllabus group.

Level	A*	A	B	C	D	E
A	140 points	120 points	100 points	80 points	60 points	40 points
AS	-	60 points	50 points	40 points	30 points	20 points

International Baccalaureate (IB)

The IB score is calculated across six subjects, each graded on a scale of 1-7, contributing to a maximum of 45 points. This score will be accepted as your rank score. You will need a full IB Diploma.

Prior tertiary study

To transfer from another tertiary institution you must meet admissions, programme and English language requirements.

auckland.ac.nz/priortertiarystudy

Academic English Language Requirement (AELR)

The AELR aims to ensure you have a sufficient level of competence in academic English to support your study at University. It will not affect whether you are offered a place on a programme, and may be met through your entry qualification or satisfactory completion of an approved course in your first year of study. auckland.ac.nz/aelr

Alternative pathways

If you do not have the appropriate secondary school qualification, subjects and/or rank score, there are a number of alternative pathways for gaining admission. auckland.ac.nz/foe-entry-pathways

Undergraduate Targeted Admission Schemes (UTAS)

The Faculty of Engineering and Design is committed to equity. We offer admission schemes for eligible Māori and Pacific students, students with disabilities, students from refugee backgrounds, and students from constrained economic backgrounds, who have met the University Entrance Standard but have not met some of the other entry requirements for the programme of their choice. Places are limited.

Māori and Pacific Targeted Entry Scheme (MAPTES)

All eligible Māori and Pacific students may apply under MAPTES. Places will be allocated according to academic performance. We recommend that you apply for MAPTES even if you don't think you will have the grades to get in. Entry via MAPTES gives you access to Tuākana, our academic and mentoring support programme.

auckland.ac.nz/foe-maptres

**Applicants of the BE(Hons) must have studied Physics and Mathematics (including Calculus).*



Ready to apply?

So, you've made your decision on what you want to study, and now it's time to apply. What do you need to do? Follow the steps below to apply for and enrol in the programme you've chosen.

1. Apply

Apply online at auckland.ac.nz/apply
Sign up for an account, if you don't already have one. Remember, you can apply for more than one programme.



2. Supply supporting documents

You'll receive an email with a list of supporting documents that you'll need to provide (and any other requirements to complete) before your application can be assessed.



3. Assessment of your application

Your application will then be assessed, and you can check your application status online any time.
Admission decisions are made within four weeks from receiving the required documents. Delays may occur for future semester intakes and during peak admission periods (September to January and May to July).



4. Enrol

Once you've accepted an offer of a place in a programme, you can enrol in your courses on Student Services Online at auckland.ac.nz/sso
After signing in, you can view your programme requirements.
For more information on how to enrol, visit auckland.ac.nz/enrolment

Some late applications may be accepted after 2025 school results are received. We encourage you to apply for all programmes that you might wish to study before the published closing date. Multiple applications are accepted, and all applications will be considered when 2025 results are available.

If you're not offered a place in the programme(s) of your choice, you'll receive an email with alternative options. A final offer of place generally depends on two things: your admission to the University (for school leavers, this may depend on your final results) and your assessment by the relevant faculty.

Paying your fees

You can find all the details about paying your fees at auckland.ac.nz/fees

Need help?

If you feel stuck at any point in the process of applying, or planning your first year and the courses you need to take, you can find answers to your questions at askauckland.ac.nz

There's also someone who can help during business hours at **0800 61 62 63**, or online at auckland.ac.nz/askus

Key dates

Application closing date for admissions in 2026

8 December 2025

Semester One - 2026

2 March - 29 June

Semester Two - 2026

20 July - 16 November

Disclaimer

Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide only and is subject to alteration. All students enrolling at the University of Auckland must consult its official document, the current Calendar of the University of Auckland, to ensure that they are aware of and comply with all regulations, requirements and policies.

Publication date: February 2025.

MĀNAWA MAI OPEN DAY 2025

Get a glimpse into life at the Faculty of Engineering and Design at our Info Evening and Open Day.

Manawa Mai Info Evening:

Join us online to explore your future in Engineering and Design and discover how our programmes can shape your career.

Tuesday, 10 June 2025

Manawa Mai Open Day:

Your future starts here! Learn about our programmes, experience our state-of-the-art facilities and interactive sessions, and get to know our students and professionals in Engineering and Design.

Saturday, 30 August 2025

Connect with us
on social media to
discover more about
what we're all about!



Instagram
[@uoaengineering](https://www.instagram.com/uoaengineering)



Facebook
[@uoaengineering](https://www.facebook.com/uoaengineering)



LinkedIn
Engineering at the University of Auckland



YouTube
[@uoaengineering](https://www.youtube.com/uoaengineering)



For personal assistance, please visit us at your local Student Hub, where students and whānau are welcome to talk with our expert advisers.

Enquiries: auckland.ac.nz/askus

Or phone: 0800 61 62 63

International: +64 9 373 7513

CITY CAMPUS

General Library, Building 109,
5 Alfred Street, Auckland

GRAFTON CAMPUS

Philson Library, Building 503
Level 1, 85 Park Rd, Grafton
(Entry via the Atrium)

SOUTH AUCKLAND CAMPUS

Te Papa Ako o Tai Tonga
6 Osterley Way, Manukau

WHANGĀREI CAMPUS

Te Papa Ako o Tai Tokerau: L Block,
13 Alexander Street,
Whangārei



**UNIVERSITY OF
AUCKLAND**
Waipapa Taumata Rau

auckland.ac.nz