

# ARCHITECTURE

UNDERGRADUATE & POSTGRADUATE  
PROGRAMME GUIDE  
2021

# AUT

TOP  1%  
UNIVERSITIES  
WORLDWIDE

# Celebrating 20 years as a university

When AUT became a university in January 2000, it had a clear vision for its future: to provide its students with exceptional learning experiences, and send them into the world as outstanding graduates. AUT has been a university for 20 years now and that student-centred vision has helped guide the development of world-class programmes, teaching, research, facilities and partnerships.

Today, AUT is New Zealand's second-largest university, with 29,250 students, 994 doctoral candidates, 3,400 staff, 195 professors and associate professors, and more than 100,000 AUT alumni. Ranked in the top 1% of universities worldwide, AUT is the top millennial university in Australasia, and ranked first in New Zealand for its global research impact and international outlook.

## Welcome to AUT

E ngā mana, e ngā reo

E te iti, e te rahi

E ngā mātāwaka o ngā tōpito o te ao

Ngā mahuetanga iho e kawē nei i ngā

moemoeā o rātou mā

Tēnā koutou katoa

Piki mai rā, kake mai rā,

Nau mai, haere mai ki tēnei o ngā wānanga

Whakatau mai i raro i te korowai āhuru

o Te Wānanga

Aronui o Tāmaki Makau Rau

To the prestigious, the many voices

The few, the great

To those of all races and creeds

We who remain to fulfil the dreams and

aspirations of the ancestors

Greetings one and all

Climb, ascend

Embark on the journey of knowledge

Let us at AUT embrace and empower you

To strive for and achieve excellence

**Te whakatupu i te kōunga, i te mana taurite me ngā  
tikanga matatika, i ngā pūkenga ako,  
i ngā pūkenga whakaako me te āta rangahau hei hāpai  
i ngā hāpori whānui o te motu, otirā, o te ao.**

To foster excellence, equity and ethics in learning,  
teaching, research and scholarship, and in so doing  
serve our regional, national and international  
communities.

# Contents

## Course information

- 8 Bachelor of Architecture and Future Environments
- 10 Bachelor of Design in Spatial Design
- 13 Bachelor of Engineering (Honours) in Architectural Engineering
- 15 Master of Architecture (Professional)
- 16 Master of Philosophy
- 17 Doctor of Philosophy

## About AUT

- 02 AUT's faculties and schools
- 03 Qualifications and study pathways
- 04 Why study architecture at AUT?
- 24 Campus map

## Applying for your programme

- 18 How to apply
- 20 University entrance
- 22 Fees and payment
- 23 Find out more

**Key:** F/T = full-time, P/T=part-time

**Cover credit:** Rendering by Jared Patterson.

Top 1%: AUT is ranked in the world's top 251-300 universities (Times Higher Education World University Rankings 2020).

Image #3 on page 5 by Jason Mann.

**Disclaimer:** Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide only for students and is subject to change. All students enrolling at AUT should consult its official document, the AUT Calendar, which is available online at [aut.ac.nz/calendar](http://aut.ac.nz/calendar), to ensure that they are aware of, and comply with, all regulations, requirements and policies.

International students should visit [aut.ac.nz/international](http://aut.ac.nz/international) for entry requirements and detailed application information. The information contained in this programme guide was correct at the time of print, December 2019.

# AUT's faculties and schools

AUT has five faculties and 17 schools. The light orange boxes in the diagram below show where the programmes in this programme guide sit within AUT.

## FACULTY OF BUSINESS, ECONOMICS AND LAW

TE ARA PAKIHI, TE OHANGA ME TE TURE

### Business School

Te Kura Kaipakihi

### Law School

Te Kura Ture

### School of Economics

Matauranga Ohanga

## FACULTY OF CULTURE AND SOCIETY

TE ARA KETE ARONUI

### School of Education

Te Kura Matauranga

### School of Hospitality and Tourism

Te Kura Taurimatanga me te Mahi Tāpoi

### School of Language and Culture

Te Kura Reo me te Ahurea

### School of Social Sciences and Public Policy

Te Kura Pūtaiao ā-iwi me ngā Kaupapa Tūmatanui

## FACULTY OF DESIGN AND CREATIVE TECHNOLOGIES

TE ARA AUHA

### School of Art and Design

Te Kura Toi a Hoahoa

### School of Communication Studies

Te Kura Whakapāho

### School of Engineering, Computer and Mathematical Sciences

Te Kura Mātai Pūhanga, Rorohiko, Pāngarau

### School of Future Environments

Huri te Ao

## FACULTY OF HEALTH AND ENVIRONMENTAL SCIENCES

TE ARA HAUORA A PŪTAIAO

### School of Clinical Sciences

Te Kura Mātai Haumanu

### School of Interprofessional Health Studies

Te Kura Pākeho Ngaioatanga o Ngā Marau Akoranga Hauora

### School of Public Health and Psychosocial Studies

Te Kura Hauora Tūmatanui

### School of Science

Te Kura Pūtaiao

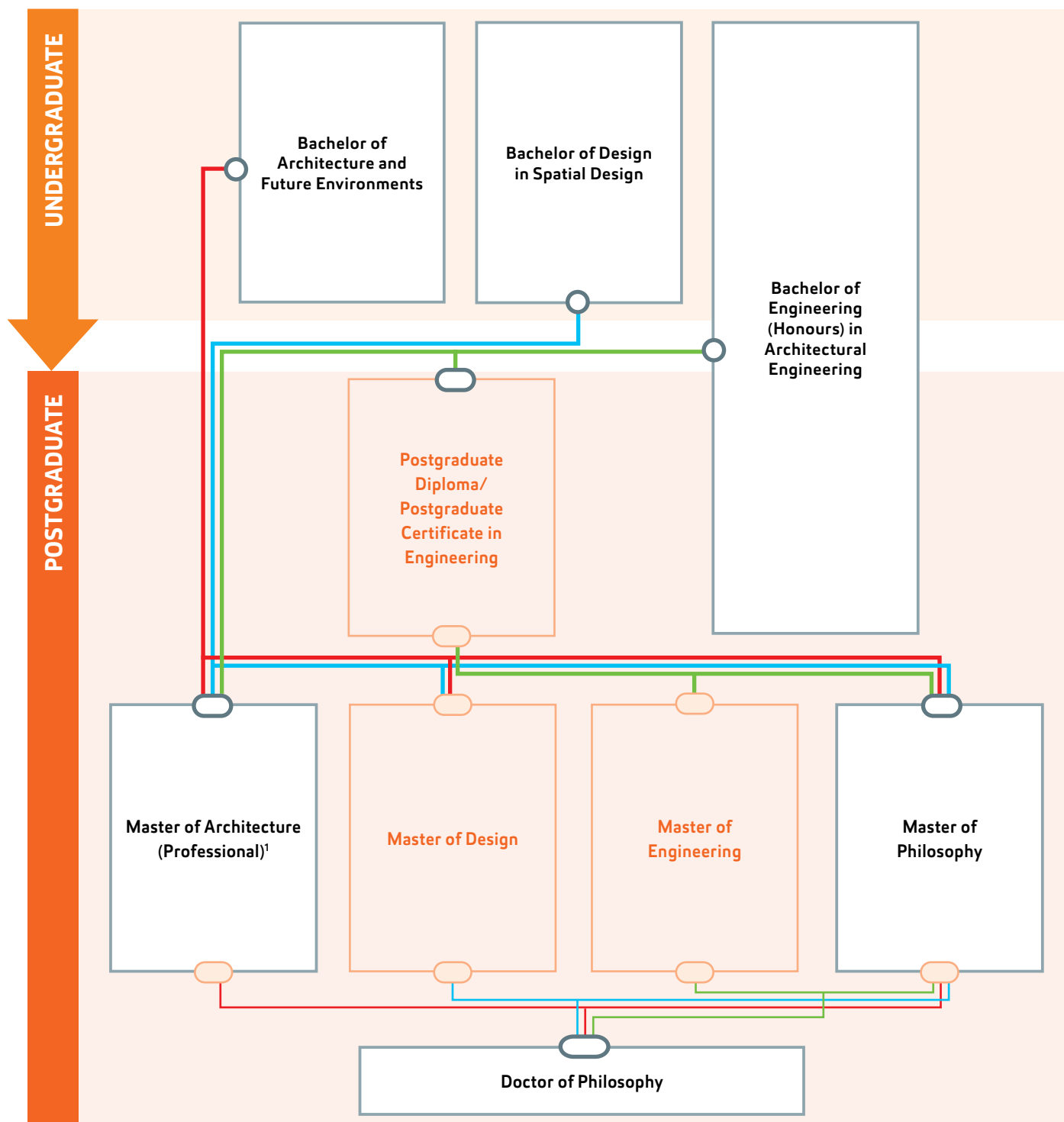
### School of Sport and Recreation

Te Kura Hākinakina

## TE ARA POUTAMA

FACULTY OF MĀORI AND INDIGENOUS DEVELOPMENT

# Qualifications and study pathways



1. Bachelor of Design in Spatial Design or Bachelor of Engineering (Honours) in Architectural Engineering graduates may progress into the Master of Architecture (Professional)<sup>1</sup> subject to additional papers.

## Note:

- 1) Completion of one qualification doesn't guarantee entry to a higher-level qualification.
- 2) Apply for the qualification you are best suited for – you don't necessarily have to enrol in the qualification that appears at the top of the above diagram.
- 3) Some qualifications in the above diagram may be prerequisites to – and not credit towards – higher-level qualifications.

For more information, visit [aut.ac.nz/architecture](http://aut.ac.nz/architecture)

# WHY STUDY ARCHITECTURE?



Draws upon global issues,  
indigenous worldviews and  
the need for sustainable  
design



Expert lecturers, nationally  
and internationally recognised  
in architecture, design,  
engineering and more



Students work on live,  
real industry briefs





**1** The Sir Paul Reeves Building (WG) offers industry standard facilities and was a New Zealand Architecture Awards Winner **2** Thumbelina Library by Benjamin Chueh (Bachelor of Design in Spatial Design) **3** AUT's newest building, WZ, was designed by Jasmx and the building itself is a teaching tool

## Creating world-ready graduates

If you're studying architecture at AUT, you join a diverse community of creative people, working together in an environment from which new ideas emerge every day. We offer exceptional learning experiences that prepare students to be successful wherever in the world their career may take them. We encourage innovation and entrepreneurship, and the ability to explore new technologies, challenge routine thinking and solve problems in new ways. As a contemporary university we also place an emphasis on working across disciplines in our research, and teaching and learning. You can take advantage of AUT's expertise, labs, people and equipment from a number of fields that are increasingly relevant for architectural research, innovation and practice. As part of your degree you may even be able to include papers from a wide range of related fields, or collaborate with other students on projects or community partnerships.

## Innovative and relevant research

AUT is ranked first in New Zealand for global research impact by Times Higher Education, and our researchers work on projects across the built environment. AUT research addresses global and local issues in architecture and the built environment, and our discoveries are widely used. Our current research projects range from Aotearoa New Zealand to the Pacific and all around the world. Our research also feeds back into the classroom, and students can contribute to and learn from these research discoveries.

## World-class teaching and learning

We're proud to be one of the world's best modern universities; ranked by Times Higher Education as the top millennial university in Australasia and in the top 1% of universities in the world. We have a long tradition of offering programmes focused on the built environment – from spatial design to architectural and construction engineering – and we've recently added architecture to our suite of programmes. You learn to design built environments that recognise indigenous values and address Auckland's rapid population growth, as well as global issues like housing affordability, global warming and homelessness. You'll explore the integration of technological, socio-cultural and professional futures in this rapidly changing field. Our programmes recognise Māori as tangata whenua, but we also consider the needs of Pacific and other communities, and acknowledge that many of our students will go on to a global career.

## An interactive and collaborative environment

You learn in an interactive environment where you collaborate with your classmates, mana whenua and experts from different disciplines to find innovative solutions that support community wellbeing and nurture future generations. In the Bachelor of Architecture and Future Environments and Master of Architecture (Professional), for example, you work in our shared wānanga design studio where you'll learn through project-led discussion, drawing, debate, critique and creating things alongside other people. You'll be taught by professional architects, as well as professionals with backgrounds in design, engineering, computer science, creative technologies, media, business and entrepreneurship. This collaborative approach creates a close-knit, supportive environment, and for many of our students it will be the highlight of their studies.



## Life at AUT

**AUT is a modern and innovative university with endless opportunities and a supportive culture that celebrates diversity. Studying at AUT is your chance to meet new people and develop lifelong skills, while getting the support you need to succeed at university and beyond.**

We're proactive in enabling all students to succeed, and our comprehensive student support services ensure that you have an amazing experience inside and outside the classroom.

### We're here to help

No matter what the problem, our Student Hub advisors are here to help. You can find a Student Hub on each campus and our specialist staff can help with anything from enrolment and student ID cards to academic advice, fees and financial support, and services for our diverse student communities including the international, disability and rainbow community.

### Dedicated support for new students

From Orientation to our many academic and cultural support programmes, our Student Services team is there to make starting out as a new student as easy as possible.

## Creating career-ready graduates

The AUT Employability and Careers team helps you plan in advance for your future career by developing job search and interview skills, while building your personal brand and networking skills. We'll also introduce you to employers looking to recruit AUT graduates.

## Gain an edge on the competition

The AUT Edge Award and Beyond AUT Award challenge, reward and formally acknowledge the 'C skills' – collaboration, co-operation, community, curiosity, communication and creativity – gained through your volunteering, leadership and employability activities.

## International study opportunities

An international student exchange offers an amazing opportunity to study overseas as part of your degree. Study for a semester or a year at one of our partner universities around the world, immerse yourself in another culture, make lifelong friends and get international experience before you graduate.





## Helping you succeed in your studies

Our library and learning support team offers a wide range of services and resources designed to help develop your academic skills.

The Library also runs a range of workshops to help you get the most out of your studies, and our peer mentoring programme enables students to learn from others who have already completed the same paper.

## Top internships around the world

A good internship can be the foundation of a great career. That's why AUT Internz places students and graduates with top companies in New Zealand, North America, Asia and Europe – including Paramount Recording Studios, the Sundance Institute and Westpac Institutional Bank in New York.

## A launchpad for entrepreneurs

Every entrepreneur starts somewhere. At AUT, the best place for aspiring entrepreneurs is CO.STARTERS@AUT. This nine-week programme helps you turn your entrepreneurial ideas into a viable business.

## An outstanding learning environment

At AUT you study in an innovative and interactive environment that embraces creativity, collaboration, and the sharing of ideas and culture. A number of our buildings have won prestigious architecture awards, and we're constantly improving our built environment to offer students the best possible learning experience.

## Free access to digital tools and resources

We offer students all the digital tools needed to succeed, including free Wi-Fi on campus, the full Office 365 suite for up to five devices and free access to LinkedIn Learning (lynda.com), a world-leading online learning platform.

## Getting involved in campus life

Joining a club is a great way to meet like-minded people and make lifelong friends outside of lectures. Choose from a range of student-run social, sustainability, academic and cultural clubs – a great way to meet new people, participate in events and get involved in campus life.

## Join a gym or sports team

AUT is New Zealand's leading sports university, with state-of-the-art sports facilities, on-campus gyms, and a huge number of sports teams and events. As an AUT student you can participate in a wide variety of sports, from social on-campus games to elite international competitions.

## Holistic approach to wellness

AUT offers comprehensive medical, and counselling and mental health services. We also run Wiser at AUT events where students can develop better self-knowledge and a greater sense of purpose and meaning in their lives.

## Disability student support and resources

Our Disability Support team is committed to helping you participate as fully as you can in learning and student life. We work with students before they start at AUT to help identify their specific needs and ensure they're set up for success.

## Getting around

Whether it's finding your way to campus or getting around between lectures, AUT offers a range of resources to help you navigate your new environment, including shuttle buses that travel between campuses and interactive online maps.

## Safe and friendly campuses

We make sure our students are safe when they're on campus. Our friendly security staff are available day and night to help if you have any concerns.



# Bachelor of Architecture and Future Environments [ BAFE | AK1337 ]

## QUICK FACTS

Level: 7

Points: 360

Duration: 3 years F/T only

Campus: City

Starts: 22 Feb 2021

Architecture focuses on the relationship between people and their environments. Study the Bachelor of Architecture and Future Environments at AUT, and learn to prepare and present building design projects of varying scales and complexity.

Gain an understanding of the critical, ethical, aesthetic, social cultural and technological components of architecture and the design of sustainable future environments. You'll develop a critical approach to architectural design, become familiar with architectural history and contemporary architecture practice, and learn to apply Te Aranga Māori design principles to your work.

Throughout your studies, you'll be based in the studio, a great environment to share ideas, collaborate with your classmates and develop your ability to work in multi-disciplinary teams and diverse cultural settings.

## Entry requirements

### Minimum entry requirements

- University Entrance or equivalent
- Portfolio of work

For details about what to include in your portfolio visit [aut.ac.nz/portfolio](https://aut.ac.nz/portfolio)

### English language requirements

IELTS (Academic) 6.0 overall with all bands 5.5 or higher; or equivalent.

### Useful New Zealand school subjects

Design and Visual Communication, Digital Technology, Art History, Technology, Visual Arts

## What this qualification covers

### Year 1

This year introduces you to architecture as a discipline and Te Aranga Māori design principles. Papers cover architecture methodologies, tools and skillsets, including mapping, scaling, drawing, diagramming, coding and modelling, as well as technical knowledge and material fabrication. You'll apply your skills through a series of design projects.

Papers you complete this year:

- Wānanga Design Studio I
- Wānanga Design Studio II
- Architectural Intelligence I
- Architectural Communication
- Architectural Technologies I

### Year 2

Your second year focuses on the social context of architecture, and designing for individuals and communities in future environments.

You build on your knowledge of Te Aranga Māori design principles, and the concept of mauri ora (a state of wellbeing or living well)

and notions of eudemonia (the good life), to explore historical and emerging conceptions of home and housing. You'll also explore wider urban, civic or work-based interactions.

Papers you complete this year:

- Wānanga Design Studio III
- Wānanga Design Studio IV
- Architectural Intelligence II
- Architectural Technologies II

### Year 3

Explore the overlap between architectural and entrepreneurial thinking as strategies for working in uncertain contexts, and the impact of innovation, computational intelligence, emerging technologies and integrated systems on architecture.

In your second semester you develop a proposal for a building of medium to large scale and complexity.

Papers you complete this year:

- Wānanga Design Studio V
- Wānanga Design Studio VI
- Architectural Intelligence III
- Architectural Technologies III
- Plus one elective paper

### Minors and electives

As part of your degree, you can study a minor or elective papers from another AUT degree, enabling you to pursue an area of interest from a wide range of subjects. To find out more about minors you can choose visit [aut.ac.nz/minors](https://aut.ac.nz/minors)

### Career opportunities

To become a registered architect, you need a three-year bachelor's degree, a two-year Master of Architecture (Professional) and two years (3,300 hours) of professional practice under the supervision of a registered practising architect.

Successful completion of the Bachelor of Architecture and Future Environments will enable students to apply for entry into the Master of Architecture (Professional), which is designed to meet the competency requirements for professional registration as an architect in New Zealand and Australia.

Students who choose not to proceed to the Master of Architecture (Professional) can go into a range of other creative and design-based industries, related professions, public service organisations or other postgraduate studies.



Collaborative and  
interactive classes



# Bachelor of Design [ BDes | AK3619 ]

## Spatial Design

### QUICK FACTS

Level: 7

Points: 360

Duration: 3 years F/T, P/T available

Campus: City

Starts: 22 Feb 2021

Apply by: 25 Sep 2020<sup>1</sup>



#### Andrew Lowe

Interior Designer, Cachet Group  
Master of Design  
Bachelor of Art and Design (Honours)  
Bachelor of Design in Spatial Design

"Spatial design spans from interiors and architecture to art and urban design. My advice to other students is to be open-minded about what spatial design is. You can explore so many things within spatial design, and it's a great area to discover your own practice. Through my studies I realised that I especially enjoy working on interior projects and installations, but there are also so many other career opportunities in this field. My installation 'Host of Shadows: Slowness, wabi-sabi, and the tea ceremony' is designed to reflect the essence of a tea ceremony. It was my Bachelor of Art and Design (Honours) project, and I'm extremely proud that it received a gold award in spatial design at the Best Awards."

Spatial design is the design of human environments from the inside out. Spatial designers are experts at finding their way into new situations by interpreting and analysing them spatially, relationally and culturally. They reinvent, reconfigure, redesign, and renovate, working with and questioning what exists; and they communicate persuasively and precisely to anticipate and facilitate change.

At AUT, our main areas of spatial design are interior design; stage, set, and production design; furniture, urban placemaking; exhibition, event, and experience design; and imagined futures and critical speculations. Spatial design overlaps with architecture, landscape design, curating, installation art, community development, and design for virtual or augmented worlds.

### Entry requirements

#### Minimum entry requirements

- University Entrance or equivalent
- Portfolio of work<sup>2</sup>

#### Preferential entry

You may be eligible for preferential entry to the Bachelor of Design if:

- You are a current Year 13 student at a NZ secondary school, and
- You have achieved NCEA Level 2 with Excellence endorsement overall and with an Excellence endorsement in one or more approved art, design or technology subjects, or
- You have achieved a University of Cambridge International Examinations (CIE) AS grade A or B in one or more approved art, design or technology subjects.

This means you won't need to submit a portfolio of art or design work. If you believe you are eligible for preferential entry, apply online and submit your application without a portfolio.

#### English language requirements

IELTS (Academic) 6.0 overall with all bands 5.5 or higher; or equivalent.

#### Useful New Zealand school subjects

Art History, Classical Studies, Construction and Mechanical Technologies, Design and Visual Communication, Design (Practical Art), Digital Technologies or Hangarau Matihiko, English, Geography, History, Mathematics or Pāngarau, Media Studies, Photography (Practical Art), Physics, Processing Technologies, Te Reo Māori, Te Reo Rangatira, Technology or Hangarau.

#### Don't meet the entry requirements?

Consider starting with our Certificate in Science and Technology.



### Minors

- Cinematic Arts
- Creative Entrepreneurship
- Design for Sustainability
- Design Thinking
- Digital Fabrication
- Experimental Surface Design
- Motion Capture
- Photographic Practice
- Temporary Practices/Temporary Publics
- Urban Practices

### What this qualification covers

To help you develop a broad range of skills, you study a major (300 points of your degree) and a minor (60 points) across your three years at AUT.

#### Year 1

Papers you complete this year:

- Spatial Fabrication Studio I
- Spatial Design Studio I
- Spatial Theory I
- Digital Techniques I
- Spatial Drawing

Plus one paper from your chosen minor.

Through Fabrication Studio I in the first semester and Spatial Design Studio I in the second semester, you learn conceptual thinking, and the making skills and communication skills to become a spatial designer. The papers Theory I, Digital Techniques I, and Spatial Drawing further your creative thinking ability and visualising skills. In the second semester, you complete the first paper of your chosen minor.

#### Year 2

Papers you complete this year:

- Spatial Fabrication Studio II
- Spatial Design Studio II
- Spatial Theory II
- Digital Techniques II

You deepen your design skills through Spatial Fabrication Studio II in the first semester and Spatial Design Studio II in the second semester. Both papers integrate skills from the second year of your minor. You also complete the papers Digital Techniques II and Spatial Theory II.

#### Year 3

Papers you complete this year:

- Spatial Fabrication Studio III
- Spatial Design Studio III
- Spatial Theory III
- Digital Techniques III



**TOP 100**  
**WORLDWIDE**  
for art & design



#### Sophie Roberts

Landscape Design Intern,  
Terrain NYC, New York City  
Bachelor of Design in Spatial Design

"From a young age, I've been interested in the designed spaces that surround me. Spatial design was a natural pathway for me to follow, combining my love of design and transferring it into spatial form. AUT's spatial design degree had a great reputation, and with a small class intake, I knew it would be a good fit for a space I could learn and thrive in. Through the studio culture I made lifelong friends. Being taught by great academic staff in spatial design also enriched my experience at AUT. They helped progress my learning and skills, heavily influencing how I work as a designer today. My biggest achievement while I was at AUT was being awarded the AUT Internz Scholarship, and landing a position to work at a landscape architecture firm in SoHo, New York City."

# Bachelor of Design

## Spatial Design continued



Work showcased at  
major exhibitions and  
through the media



### Hana Stay

Designer, Yellow6  
Master of Art and Design  
Bachelor of Art and Design (Honours)  
Bachelor of Design in Spatial Design

"I knew AUT offered a wide range of study options within the design field, so I went to the AUT open day. After listening to a session about spatial design, I knew this was what I wanted to study. I loved the choices and opportunities the spatial design degree offered – there was not one path; it was up to you which discipline within spatial design you wanted to pursue. After graduating from AUT in 2017, I now work at interior design company Yellow6. My job involves creating concepts and detailed documentation, as well as liaising with our clients and industry professionals. The best thing about my career is getting to see something that began as an idea or concept become this built environment people will actually inhabit."

Fabrication Studio III in the first semester focuses on creative assembly, innovative fabrication and critical construction knowledge. In your first semester you also complete your minor and the paper Digital Techniques III.

In the second semester you complete a design project in Spatial Design Studio III, integrating knowledge from the minor, Spatial Theory III and the building expertise provided by earlier papers. You have the opportunity to exhibit your design project at the AUT School of Art and Design festival, showcasing your work to key representatives from media, industry and the design professions.

### Spatial design project

Recent projects included:

- Exhibition design for Speaking Surfaces at St Paul Street Gallery, in collaboration with curators and artists
- Concept proposals for refitting the Arataki Visitors Centre in the Waitakere Ranges
- Designs for ward rooms and patient lounges for Waitematā District Health Board, in collaboration with the Good Health Lab
- Award-winning proposals for renovating and extending the Auckland Domain Winter Gardens
- Materials-focused exploration of colour, ceramics, and textiles, based on visits to the mothballed St James Theatre
- Designs for public bath-houses, sleeping spaces, custom furniture, and imaginary spaces for film

### Career opportunities

- Interior/building design
- Design for theatre, film, TV or digital environments
- Urban design
- Event design
- Furniture and object design

AUT encourages early application. Places are limited.

1. Acceptance into this programme is based on academic achievement and the work submitted in a portfolio. Although we will continue to accept applications until all places are filled (up to the start of Semester 1, 2021), those who submit their full applications, including a portfolio of work, by 25 September 2020 will be prioritised. Applications received after this date will only be considered if there are places available and upon meeting all programme entry requirements.
2. Visit [aut.ac.nz/portfolio](https://aut.ac.nz/portfolio) for portfolio guidelines.



For more details visit [aut.ac.nz/architecture](https://aut.ac.nz/architecture)

# Bachelor of Engineering (Honours) [ BE(Hons) | AK3751 ]

## Architectural Engineering

Businesses, tenants and homeowners expect more from the buildings they work and live in. They want buildings that are energy efficient and more sustainable, comfortable to live and work in, offer more services and are fit for purpose, now and in the future. Architectural engineers help make this happen. The Architectural Engineering major covers the skills you need to develop complex designs that can meet all those needs. From the foundations to the superstructure to the services, you'll learn how to engineer for high-quality buildings.

### Entry requirements

#### Minimum entry requirements

University Entrance or equivalent, including:

- **NCEA:** At least 14 level 3 credits in each of Calculus and Physics
- **CIE:** A level Mathematics and a minimum of AS in Physics OR A level in Physics and a minimum of AS in Mathematics
- **IB:** A grade of 4 or better in Mathematics and Physics

Applicants who qualify for entry by other means must demonstrate competency in calculus and physics at least to level 3 or equivalent.

#### Guaranteed entry

Applicants will automatically be offered a place in this programme if they have a rank score of 250 or higher, along with 14 NCEA level 3 credits in each of Calculus and Physics or CIE A levels in Mathematics and Physics. All other applicants who have met the admission requirements will be considered on a case-by-case basis.

#### English language requirements

IELTS (Academic) 6.0 overall with all bands 5.5 or higher; or equivalent.

#### Useful New Zealand school subjects

Chemistry, Digital Technologies, English

#### Don't meet the entry requirements?

Consider starting with our Certificate in Science and Technology.

### What this qualification covers

Most papers run for one semester and are worth 15 points. You must complete 120 points each year. You also need to complete 800 hours of planned, supervised work experience to graduate.

#### Year 1

You do the same papers in the first year as other engineering students:

- Introduction to Engineering Design
- Electrical Principles A
- Engineering Mathematics I
- Mechanical Principles A
- Introduction to Computing
- Electrical Principles B
- Engineering Materials I
- Mechanical Principles B

### QUICK FACTS

Level: 8

Points: 480

Duration: 4 years F/T, 8 years P/T

Campus: City

Starts: 22 Feb & 12 July 2021



#### Kate Molony

4th-year student, Bachelor of Engineering (Honours) in Architectural Engineering

"I chose this degree because I was passionate about and interested in architecture and the built environment, but had stronger skills in maths and science. This degree is the perfect hybrid for me, and enables me to apply my engineering skills in a building context. I've enjoyed the forward thinking approach to teaching. The lecturers are committed to teaching their subjects through a practical lens to make sure students understand the industry they're going to enter, and how to tackle the new challenges the industry is facing. The degree is multidisciplinary and can empower you to contribute to the sustainable development of communities and built environments around the world. I would love to be involved in designing and consulting on projects where I can influence real change in the way buildings are constructed and used throughout their lifecycle, with a priority on sustainability for the economy, environment and community."

# Bachelor of Engineering (Honours)

## Architectural Engineering continued



Architectural Engineering  
major created in response to  
industry demand



### Durgeshni Chandra

4th-year student, Bachelor of Engineering  
(Honours) in Architectural Engineering

"I believe that it's very important to be mindful of environmental, economic and social factors when it comes to buildings. Buildings that are more sustainable and that consider these factors will be the buildings of the future. By studying architectural engineering, I feel that I'm doing my part to make this happen. AUT's campuses are amazing, and I feel that students need to have a positive environment to stimulate learning and keep them engaged. All of AUT's new buildings and facilities were created with students in mind. It's a pleasure just to be on campus. AUT also has a lot of support facilities on campus, whether it's for supporting students with study, social or health issues. The lecturers are very friendly and helpful, and will happily help if you're ever struggling. Peer mentors are also at hand, and they're easy to approach because they're students too."

### Year 2

Papers you complete this year:

- Building Construction I
- Construction Engineering Management I
- Construction Materials
- Engineering Design Methodology
- Engineering Mathematics II
- Introduction to Structural Engineering
- Solid Mechanics I
- Quantity Surveying

### Year 3

Papers you complete this year:

- Architectural Design and Sustainability
- Architecture and Design Development I
- Construction Engineering Management II
- Engineering Mathematics III
- Geotechnical Engineering
- Heating, Ventilation and Air-conditioning Systems
- Illumination Engineering
- Structural Analysis

### Year 4

Papers you complete this year:

- Architectural Systems
- Architecture and Design Development II
- Building Construction II
- Industrial Project (Architectural)
- Structural Dynamics
- Structural Engineering Design
- Plus one elective paper

### Workplace experience

Your individual industry project in Year 4 is your opportunity to gain real-life industrial experience. You apply your knowledge on a project for organisations like Fletcher Building, Hawkins, Naylor Love Ltd, Auckland Council, Beca or Jasmax.

### Career opportunities<sup>1</sup>

- Architectural design engineer
- Building services engineering
- Project management
- Building Information Management (BIM) specialist

AUT encourages early application. Places are limited.

1. This is an engineering qualification. Graduates will not be architects or qualified to register as architects.



For more details visit [aut.ac.nz/architecture](https://aut.ac.nz/architecture)



# Master of Architecture (Professional)

MArch(Prof) | AK1338

The Master of Architecture (Professional) applies emerging technologies and indigenous worldviews to re-think architecture. Students will be prepared to work as architects in the context of significant environmental, social and technological change, and a growing need for knowledge of indigenous and socially inclusive architectural practice. The programme actively promotes Mātauranga Māori and core values associated with sustainability.

You'll learn to integrate social and technical knowledge into core design processes, and design a range of buildings at different scales and levels of complexity. The programme is mainly studio-based. At the heart of the programme is a design thesis, an opportunity to develop your research skills and research an area of your interest.

## Entry requirements

### Minimum entry requirements

- Must have completed the Bachelor of Architecture and Future Environments or equivalent with a B grade average or higher in papers at level 7; or equivalent<sup>1</sup>
- May be required to submit a portfolio of work and/or attend a selection interview

### English language requirements

IELTS (Academic) 6.5 overall with all bands 6.0 or higher; or equivalent

## What this qualification covers

Complete 120 points from:

- Wānanga Design Studio: Strategy
- Wānanga Design Studio: Resolution
- Architectural Practice I: Histories and Theories of Practice
- Architectural Practice II: Research Methods
- Architectural Practice III: Project Delivery
- Architectural Practice IV: Business and Entrepreneurship

And complete 30 points from:

- Advanced Topics in Architecture AND
- Any other postgraduate paper as approved by the programme leader

And complete a Design Thesis.

## Career opportunities

Students who complete the Master of Architecture (Professional) as well as an approved period of practical experience will be eligible to take the professional practice interview to become registered architects.

<sup>1</sup> Bachelor of Design in Spatial Design or Bachelor of Engineering (Honours) in Architectural Engineering graduates may progress into the Master of Architecture (Professional) subject to additional papers.

## QUICK FACTS

Level:	9
Points:	240
Duration:	2 years F/T, P/T available
Campus:	City
Starts:	22 Feb & 12 July 2021



For more details visit [aut.ac.nz/architecture](https://aut.ac.nz/architecture)

## QUICK FACTS

Level: 9

Points: 120

Duration: 1 year F/T, 2 years P/T

Campus: City

Starts: Any time

## Master of Philosophy

MPhil | AK3720

The Master of Philosophy (MPhil) is a one-year, research-only master's degree. It provides an opportunity for you to undertake a research topic of your interest under the supervision of AUT architecture staff. It can also serve as a pathway to more advanced research at doctoral level.

### Entry requirements

#### Minimum entry requirements

Must have completed one of the following with the equivalent of a B grade average or higher:

- Four-year bachelor's degree OR
- Bachelor's honours degree OR
- Bachelor's degree and a postgraduate diploma OR
- Bachelor's degree and at least three years of experience relevant to the proposed research

An interview may be required for particular research areas.

#### English language requirements

IELTS (Academic) 6.5 overall with all bands 6.0 or higher; or equivalent.

#### Other requirements

May be required to complete an approved research methods paper.

### What this qualification covers

You complete an original thesis during this year of your study. AUT architecture staff are available to supervise Master of Philosophy research on a wide range of topics.

### Career opportunities

As a graduate with a Master of Philosophy you have the necessary skills and qualifications to follow an academic or research career leading to a PhD. Alternatively, your research topic may lead you to a position of expertise in your chosen field.



For more details visit [aut.ac.nz/architecture](https://aut.ac.nz/architecture)

# Doctor of Philosophy

PhD | AK3518

The Doctor of Philosophy (PhD) is the University's highest qualification. The degree is undertaken by research only and leads to advanced academic and theoretical knowledge in a specialist area. The PhD is suitable for students who want to pursue an academic or research career, or a senior position in the public or private sector. Doctoral studies present you with the opportunity to generate new ideas that can benefit business and society. You will make a significant original contribution to knowledge and understanding in your field of study and meet recognised international standards for your work. Our academic supervisors are recognised world-class researchers in their fields who have the expert knowledge to guide and advise you throughout your PhD. The opportunities to apply the knowledge and skills you gain will be extensive, both in industry and academia.

## Entry requirements

### Minimum entry requirements

Must normally have completed the following in a discipline appropriate to the proposed research:

- Master's degree with first-class or second-class (first division) honours OR
- Bachelor's degree with honours (equivalent to 4 years of study), normally with first-class or second-class (first division) honours

The degree should include advanced learning in research, execution of a research project and a written report on the research.

### English language requirements

IELTS (Academic) 6.5 overall with 7.0 in Writing and all other bands 6.0 or higher; or equivalent.

### Other requirements

Acceptance is subject to the availability of staff for supervision, prior research preparation and appropriate facilities.

## Planning your PhD

You are required to prepare a brief proposal for your intended research, specifying the field of research and a general research question you wish to investigate. You should provide official copies of academic transcripts, and evidence of previous independent research outputs, like an honours-level dissertation or master's-level dissertation or thesis. You should also provide evidence of successful completion of studies in research methodology at a postgraduate level.

## PhD research allowance

PhD research allowances are normally available to support PhD candidates with expenses associated with data collection and analysis, conference funding, and other resources.

## QUICK FACTS

Level:	10
Points:	360
Duration:	3 to 6 years
Campus:	City
Starts:	Any time



### Megan Burfoot

Doctor of Philosophy candidate  
Bachelor of Engineering (Honours) in  
Architectural Engineering

"For my doctoral research, I'm focusing on acoustical engineering and how to make spaces more suitable acoustically for the building's purpose. When I decided to do my PhD, I researched a lot of different topics within the field of architectural engineering and this one stood out as an area where I can make a contribution through my research. I think it's a really interesting topic. I love AUT. I love the study environments, and appreciate how approachable the staff are. I've also enjoyed the student life here, and have been involved in a number of different clubs, including starting AUT Now, which focuses on volunteering and supporting different causes; animals, people and the environment. I can see myself having a career in academia – I love both research and teaching."



For more details visit [aut.ac.nz/architecture](https://aut.ac.nz/architecture)

# HOW TO APPLY

Below is the step-by-step guide to the applications process. For more information visit [aut.ac.nz/apply](https://aut.ac.nz/apply)

1

## APPLY EARLY

Places are limited. Submit your application well before the semester starts.

### APPLYING FOR 2021

- Semester 1
  - apply by 7 December 2020<sup>1</sup>
- Semester 2
  - apply by 3 May 2021

1. For the Bachelor of Design in Spatial Design apply by 25 September 2020.

### Applying for the Master of Philosophy (MPhil) and Doctor of Philosophy (PhD)

If you are planning to enrol in a Master of Philosophy (MPhil) or Doctor of Philosophy (PhD) at AUT, email the Graduate Research School [doctoral.and.mphil.admissions@aut.ac.nz](mailto:doctoral.and.mphil.admissions@aut.ac.nz)

2

## COMPLETE THE APPLICATION FORM

- Apply online
- Indicate your programme(s) of choice and major (if known)

International students can also apply using an AUT approved international agent. For a list of AUT registered agents visit [aut.ac.nz/international-agents](https://aut.ac.nz/international-agents)

## SUBMIT YOUR APPLICATION

## WE ACKNOWLEDGE YOUR APPLICATION

- We will send you an acknowledgment email, which explains how to check the status of your application
- We will contact you if we need more information





3

## WE ASSESS YOUR APPLICATION

- We assess your application to ensure you have met the entry criteria for the programme(s) you are applying for
- We consider your academic history and relevant experience to ensure you can succeed in your programme
- We let you know if your application has been successful

## POSSIBLE OUTCOMES

**CONFIRMED** We would like to offer you a place to study at AUT

**PROVISIONAL** You have met some of the criteria for entry to your chosen programme of study and we would like to offer you a provisional place to study at AUT. If you don't meet the rest of the requirements, then this offer will be withdrawn

**CONDITIONAL** You have to meet the conditions and approvals listed in your conditional offer to be able to secure a formal offer of place

**DECLINED** If you don't meet the entry requirements or all places are taken, we may offer you an alternative programme

## ACCEPT YOUR OFFER

# University admission to AUT bachelor's degrees

## For New Zealand citizens and residents and international students studying in a high school in New Zealand

To gain admission to bachelor's degrees, you must have met the requirements for University Entrance plus any specified admission requirements for a programme, such as specific subjects, portfolios and interviews.

For more information on entry requirements, including entry requirements for international students, refer to the AUT Calendar or visit [aut.ac.nz/calendar](http://aut.ac.nz/calendar)

**Please note:** AUT, like all other New Zealand universities, is required to manage enrolments. This is because of government policies that restrict the number of funded places available for domestic students in tertiary education.

### Admission categories

You may be granted University Entrance under one of the following categories:

- NCEA University Entrance
- Ad Eundem Statum admission (at an equivalent level) – this includes Cambridge International Examinations (CIE) and International Baccalaureate Diploma Programme (IB)
- Discretionary Entrance
- Special Admission

## Common University Entrance requirements

STANDARD	NCEA	CIE	IB <sup>2</sup>
<b>Overall</b>	Require <b>NCEA level 3</b> certificate which consists of 80 credits, including at least 60 credits at level 3 or higher. Can include up to 20 credits at level 2. <b>Note:</b> Credits to achieve NCEA level 3 may include unit standards from non-approved subjects. <b>Subject credits</b> Total of 42 level 3 credits including: • 14 credits from one approved subject • 14 credits from a second approved subject • 14 credits from a third approved subject	A minimum of 120 points on the UCAS Tariff <sup>1</sup> at A or AS level from an approved list (equivalent to NCEA approved subject list). Must include at least three subjects (excluding Thinking Skills) with grades D or above.	IB Diploma with minimum 24 points
<b>Numeracy</b>	At least 10 level 1 (or higher) numeracy credits (can be achieved through a range of subjects)	A minimum grade of D in IGCSE <sup>3</sup> mathematics or any mathematics subject at AS or A level.	Any mathematics subject – IB Group 5
<b>Literacy</b>	Total of 10 level 2 (or higher) literacy credits including: • 5 reading credits • 5 writing credits From specific standards in a range of NZQA English language rich subjects.	A minimum grade of E in English Language and/or English Literature subject at AS or A level.	Literature or language and literature (SL or HL) – IB Group 1, with English as the language.

1. UCAS (Universities and Colleges Admissions Services for the UK) Tariff = system which converts AS and A level grades into points.

2. New Zealand residents who have taken IB but have not been awarded the Diploma may apply for discretionary entrance.

3. IGCSE = International General Certificate of Secondary Education.

Where programmes require a specific subject, it is expected that a student will have achieved a minimum of 14 NCEA credits in that subject (or equivalent), unless indicated otherwise.

### NCEA approved subjects

For a list of NCEA approved subjects for University Entrance visit the NZQA website, [nzqa.govt.nz](http://nzqa.govt.nz)

### AUT language rich subject list

Art History, Business Studies, Classical Studies, Drama, Economics, English, Geography, Health Education, History, Media Studies, Physical Education, Social Studies, Te Reo Māori, Te Reo Rangatira.

### Alternative pathways into AUT bachelor's degrees

Students who have just missed University Entrance or did not get into their chosen degree could consider enrolling in one of the foundation programmes offered at AUT. Please visit [aut.ac.nz/universityentrance](http://aut.ac.nz/universityentrance)



## Discretionary Entrance

Discretionary Entrance is available to applicants who have attained a high level of achievement in Year 12 and want to undertake university study.

International students can't apply for Discretionary Entrance.

### You can apply if you:

- Have not completed Year 13 in a New Zealand secondary school or have done Year 13 but not attempted to gain University Entrance
- Have not otherwise qualified for admission (or have attempted University Entrance)
- Are a domestic student (New Zealand or Australian citizen or permanent resident). If Australian, your most recent schooling must have been in New Zealand
- Are under 20 years of age on the first day of the semester in which you begin study and meet other requirements of the programme for which you apply

People who missed University Entrance in Year 13 may be considered for mid-year admission in the following year.

You can't apply for admission for Semester 1 if you studied in Year 13 after 1 June. However, you can apply for admission into Semester 2.

### Minimum academic criteria for Discretionary Entrance

- NCEA level 2 certificate endorsed with minimum of Merit or CIE/IB equivalent
- Minimum of 14 credits in each of four NCEA level 2 (or higher) subjects, at least three of which must be on the approved subject list
- Meet UE literacy and numeracy standards, or their equivalent.

The application is a two-step process. First, you indicate you want to apply through Discretionary Entrance on the standard application form. If you meet the criteria you are sent a second form in which you provide further information and a school recommendation.

The recommendation will provide proof of your maturity, motivation, capability and readiness to undertake degree-level study and also verify that you were not enrolled in Year 13 beyond 1 June in the year prior to admission. Please refer to the AUT Calendar or visit [aut.ac.nz/calendar](http://aut.ac.nz/calendar)

Please note: Applicants are considered on a case-by-case basis and must also meet other selection criteria for the programme for which they have applied. There is a non-refundable assessment fee of \$50.00.

### Admission at equivalent level (Ad Eundem Statum)

An applicant will be considered for Ad Eundem Statum admission if they:

- Have successfully gained University Entrance through CIE or IB or an approved qualification from a New Zealand secondary school of special character
- Have successfully completed a recognised foundation programme or other recognised tertiary qualification/study of at least 120 points at level 3, or at least 60 points at level 4 in one course of study and have completed Year 13 at a NZ secondary school, or equivalent.
- Have qualifications from an overseas secondary school or tertiary institution deemed by AUT to be sufficient for entry into an undergraduate degree programme.

Please note: Applicants will be required to supply an official academic transcript with their application.

### Bursary

If you sat Bursary (prior to 2004) rather than NCEA please refer to the AUT Calendar or visit [aut.ac.nz/calendar](http://aut.ac.nz/calendar)

### Special Admission

New Zealand citizens or residents who are over 20 years of age on or before the first day of semester can apply for degree-level entry through Special Admission.

## English language requirements

If you don't have English as your first language, you may have to show evidence of your English language skills.

International students studying at secondary school and applying for University Entrance must achieve UE Literacy through New Zealand secondary school qualifications NCEA, CIE or IB. IELTS can't be substituted.

In all other cases another form of English language testing is required. Minimum IELTS requirements for each programme are included on the relevant pages in this publication. For other recognised English tests and more information, visit [aut.ac.nz/englishrequirements](http://aut.ac.nz/englishrequirements)

## International students

Contact us for information regarding studying at AUT if you're not a citizen or permanent resident of New Zealand or Australia, or a citizen of the Cook Islands, Niue or Tokelau islands.

Visit [aut.ac.nz](http://aut.ac.nz) for entry requirements for specific countries.

If you have any questions, you can contact us at [aut.ac.nz/enquire](http://aut.ac.nz/enquire)

# Fees & scholarships

**Cost is an important factor when thinking about university study. This page gives you an idea of the approximate tuition fees at AUT, and different options to help you fund your education including scholarships, student loans and allowances.**

To give you an idea of approximate costs, the 2020 tuition fees are shown below (based on full-time study and completing 120 points per year). All fees are in NZ dollars and include GST. The 2021 tuition fees will be advertised on [aut.ac.nz/fees](https://aut.ac.nz/fees) as soon as they have been set.

## Domestic student tuition fees

First-time domestic students are entitled to one year of fees free.

### Undergraduate programmes

Fee (per year)	\$6,712.00-\$8,711.00 <sup>1</sup>
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### Doctor of Philosophy and Master of Philosophy

Fee (per year)	\$6,885.00 <sup>1</sup>
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### Other postgraduate programmes

Fee (per year)	\$8,711.00 <sup>1</sup>
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1. Part-time students pay a proportion of the fee based on the number of academic points they are studying.

## International student tuition fees

### Undergraduate programmes

Fee (per year)	\$33,836.00-\$41,184.00
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### Doctor of Philosophy

Fee (per year)	\$6,885.00 <sup>1</sup>
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### Master of Philosophy

Fee (per year)	\$37,461.00
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### Other postgraduate programmes

Fee (per year)	\$37,000.00
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1. The fee shown is for candidates conducting the majority of their study within NZ. Where the majority of studies is conducted outside NZ an international tuition fee of \$38,059.00 will apply.

## Other fees you may have to pay:

- 2020 Compulsory Student Services Fee – \$760.00 for 120 points or \$6.33 per academic point
- 2020 Building Levy – \$76.00 for 120 points or \$0.63 per academic point
- Additional fees for course materials or elective papers (check with your faculty if there are additional fees for your programme)

Please note that you have to pay your fees in full by the date specified on your fees invoice.

To find out more about fees call **+64 9 921 9779** or **0800 AUT AUT** (0800 288 288).

## Free fees for your university study

Eligible domestic students starting tertiary education receive one year of full-time study fees-free<sup>1</sup>.

To check if you're eligible for fees-free study in 2021 visit [aut.ac.nz/fees](https://aut.ac.nz/fees)

1. Domestic students only, not available to international students.

## Scholarships and awards

Scholarships and awards are a great way to fund your university study. There is a wide range of scholarships and awards available to AUT students at all stages of their study. Visit the scholarships website for a current list of scholarships offered by AUT and external funders, as well as application forms and closing dates. You can also contact AUT's Scholarships Office for advice on scholarships, awards and the scholarship application process.

To find out more call **+64 9 921 9837** or visit [aut.ac.nz/scholarships](https://aut.ac.nz/scholarships)

## Support for scholarship students

Undergraduate scholarship students – whether the scholarship was awarded for academic endeavour or for excellence in sports, culture or leadership – have access to an extensive programme of support, including professional development and networking opportunities, and one-on-one support.

## Student loans and allowances<sup>1</sup>

If you are a full-time domestic student, you may qualify for a student loan or allowance. Student loans and allowances are administered and paid by StudyLink. The application process can take some time, so it's a good idea to apply early. You can apply for a student loan or student allowance before your enrolment at AUT is complete.

To find out more call **0800 88 99 00** or visit [studylink.govt.nz](https://studylink.govt.nz)

1. For domestic students only

## Help with planning and budgeting

We know that sometimes things happen and financial stress can impact your academic success. That's why we offer financial support that ranges from offering grocery or fuel vouchers, to helping with that unexpected bill.

## StudyLink website

Visit [studylink.govt.nz](https://studylink.govt.nz) for tools, tips and information to help you plan and understand the costs you will have while studying.



# Find out more

## AUT Open Day

Our Open Day at the City Campus will showcase everything AUT has to offer to help you make an educated decision about university study. To find out more visit [aut.ac.nz/live](https://aut.ac.nz/live)

## Visit our website

For the latest information on AUT programmes and to keep up-to-date with what's happening at AUT visit [aut.ac.nz](https://aut.ac.nz)

## Contact us online

If you have any questions about studying at AUT, you can contact us at [aut.ac.nz/enquire](https://aut.ac.nz/enquire)

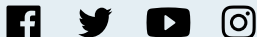
## Secondary schools

If you are a secondary school teacher or career advisor, our Future Students Team can help you with any questions you may have. Contact the team on [secondary.schools@aut.ac.nz](mailto:secondary.schools@aut.ac.nz)

## Connect with us

AUT has a range of social media channels to keep our students and the general public aware of what is going on around the university.

## Connect with us now:



@autuni

#autuni

## Need some guidance?

If you're still unsure what to do, or would like to check out the campus and facilities, you can contact our Future Students Team. Email [future@aut.ac.nz](mailto:future@aut.ac.nz) or call **0800 AUT AUT** (0800 288 288) to speak to one of our friendly advisors.

## Drop in and see us

### AUT Student Hub

#### City Campus

Level 2, ground entry, WA building, 55 Wellesley Street East, Auckland

#### North Campus

AS building, 90 Akoranga Drive, Northcote, Auckland

#### South Campus

MB building, 640 Great South Road, Manukau, Auckland

## Take a virtual campus tour

To take a virtual tour of our campuses visit [aut.ac.nz/virtualtour](https://aut.ac.nz/virtualtour)













This booklet is printed on paper which is certified by the Forest Stewardship Council (FSC). It is manufactured using FSC Mix source pulp from well managed and legally harvested forests. The inks are 100 percent vegetable oil based and the printer is FSC certified.

# Campus map



## Key

-  AUT Student Hub
-  Café
-  Conference facility
-  Intercampus shuttle bus stop
-  Mobility parks
-  Student lounge
-  Gym
-  Library
-  Creche
-  Breastfeeding and baby change room

## City Campus

55 Wellesley Street East  
Auckland Central







**0800 AUT AUT (0800 288 288)**

Auckland University of Technology  
Auckland, New Zealand  
[aut.ac.nz](http://aut.ac.nz)

Enquire now  
[aut.ac.nz/enquire](http://aut.ac.nz/enquire)

**CITY CAMPUS**  
55 Wellesley Street East, Auckland Central

**NORTH CAMPUS**  
90 Akoranga Drive, Northcote, Auckland

**SOUTH CAMPUS**  
640 Great South Road, Manukau, Auckland

**Connect with us now:**



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