



THE UNIVERSITY OF
AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

The University of Auckland

2017–2018 Profile



ACHIEVE THE
AMAZING

Leading university

The University of Auckland is New Zealand's leading university, and the only one placed in the top 200 in the Times Higher Education World University Rankings.

As the country's largest and most comprehensive university, the University of Auckland conducts teaching and research across eight faculties and two large-scale research institutes.

It is in the top 100 in the QS World University Rankings, with the maximum rating of Five Stars Plus in each of the four areas evaluated: research, teaching, employability and internationalisation.

QS also offers rankings by individual subjects, and in 2017 the University of Auckland ranked top in New Zealand in 37 of the 40 subjects it teaches.

It featured in the top 50 in the world in 16 subjects, with two of these, archaeology and education, making the top 20.

In 2016, it was ranked 27th in the Reuters Top 75: Asia's Most Innovative University rankings, reflecting its focus on innovation and entrepreneurship.

The University of Auckland produces graduates of acknowledged quality, and is ranked internationally as New Zealand's leading university for graduate employability.

It has the largest graduate school in the country, with a third of all of the country's postgraduate degrees completed here.

We're committed to maintaining our international reputation for world-class research and high quality teaching, and we strive to offer our students a rewarding and memorable experience that will equip them for success in whatever field they choose.

International focus

The University has a wide network of international affiliations and formal agreements with 174 universities in 40 countries. It is the only New Zealand member of Universitas 21, the Worldwide Universities Network and the Association of Pacific Rim Universities.

It has a high proportion of international staff and students, with 6,700 students from 110 countries enrolled in 2017.

In line with its commitment to developing global citizens, the University's 360° Auckland Abroad student exchange programme enables New Zealand students to spend one or two semesters at one of the University's more than 90 tertiary exchange partners worldwide.

Vibrant Auckland

As New Zealand's largest city and business hub, Auckland (Tāmaki Makaurau) is home to people from all over the world.

Its Māori and Pacific Island flavour, temperate climate, lively restaurant and nightlife and easy access to natural beauty makes our University attractive as a research and study destination.

Auckland city was ranked third out of 221 world cities for quality of living in the 2016 Mercer Quality of Living Survey; judged on criteria like internal stability, lack of crime and corruption and relationships with other countries.

The University is located in the city's historic centre, close to the central business and shopping districts and the beautiful Waitemata Harbour.

QS WORLD RANKINGS

16 th	<i>Archaeology</i>
20 th	<i>Education</i>
29 th	<i>English Language and Literature</i>
33 rd	<i>Psychology</i>
34 th	<i>Anatomy and Physiology, Geography</i>
36 th	<i>Law</i>
37 th	<i>Accounting and Finance</i>
38 th	<i>Civil and Structural Engineering</i>
42 nd	<i>Modern Languages</i>
44 th	<i>Anthropology</i>
45 th	<i>Social Policy and Administration</i>
49 th	<i>Statistics and Operational Research</i>
50 th	<i>Linguistics, Nursing, Sociology</i>

16 subjects
in the world's
TOP 50

Proud tradition

Founded by an Act of Parliament in 1883 as a College of the University of New Zealand, the University became fully independent in 1962. From the beginning, it has admitted both male and female students and is committed to equity across gender, sexual orientation, ethnicity, culture and religion, and for those with disabilities.

Research

Our researchers are at the leading edge of innovation across many disciplines; from physics, where high-tech inventions are increasing productivity in the agricultural sector, to education, where educators are successfully improving results in clusters of low-decile schools.

We are international research leaders in inductive (wireless) power transfer, computational physiology, cancer and brain disease research and better outcomes for mothers and babies.

More than 12,000 staff and postgraduate students are involved in fundamental and applied research, which generates more than \$200 million in annual research revenue.

Auckland also has 35% of the A-rated staff in the country in the national Performance Based Research Fund (PBRF) review of tertiary institutions, 33% of the PBRF funding allocation for research degree completions and 36% of PBRF allocations for external research income.

Commercialising research

Auckland UniServices Ltd, the knowledge transfer company of the University, works alongside academic staff to identify and protect discoveries with commercial potential, find business partners and negotiate licence agreements.

It has 1,200 active projects with more than 300 New Zealand firms at any one time. With around 500 staff, it is the largest company of its kind in Australasia.

In 2016, UniServices generated revenues of \$114 million, over 50 licences for intellectual property and created more than 11 businesses to commercialise University research.

Pacific research hub

As befits its South Pacific location, the University is a global leader in Pacific research and teaching. It is home to the New Zealand Institute for Pacific Research – a collaboration between Auckland and two other institutions – which offers unique Pacific research capacity and relationships.

Centre for Innovation and Entrepreneurship

Recognised by the Massachusetts Institute of Technology Skoltech Initiative as one of the world's top five emerging leaders in entrepreneurship, the University is committed to developing business-savvy, innovative graduates.

The Centre for Innovation and Entrepreneurship (CIE) at the Business School leads this charge with its flagship academic programme, the Master of Commercialisation and Entrepreneurship.

This course provides the core knowledge and skills needed to commercialise new products, services and processes.

In 2017, the Centre plans to create an innovation hub, or "makerspace", that will be modelled on those of leading universities around the world.

Velocity

The University's year-long entrepreneurship programme "Velocity" has produced a number of high-profile success stories since it was established in 2003.

Student-led, it has forged around 110 ventures that have generated over \$220 million of capital and created more than 400 jobs.

Centres of Research Excellence

We have more than 50 research units, centres and institutes at departmental, faculty and University level. We also host five of New Zealand's 10 Centres of Research Excellence, established by the Government to drive innovative, international research.

Maurice Wilkins Centre for Molecular Biodiscovery

The Maurice Wilkins Centre brings together more than 200 researchers in multi-disciplinary teams working in drug discovery and development aimed at treating serious disease.

MedTech Centre of Research Excellence

The MedTech Centre of Research Excellence applies bioengineering technologies to healthcare by producing new knowledge of physiological processes in health and disease. It also develops novel bioinstrumentation and computational physiological models.

Te Pūnaha Matatini, the Centre for Complex Systems and Networks

Te Pūnaha Matatini brings together New Zealand's leading researchers in physics, economics, mathematics, biology, computer science, operations management, statistics and social science to study complex systems and networks in the biosphere, the economy and the marketplace.

Brain Research New Zealand, Rangahau Roro Aotearoa

Brain Research NZ aims to unlock the secrets of the ageing brain and develop new therapies and better clinical and community care to enhance brain health throughout life for all New Zealanders.

Ngā Pae o te Māramatanga

Ngā Pae o te Māramatanga (NPM) is New Zealand's Māori Centre of Research Excellence, funded by the Tertiary Education Commission (TEC) and hosted by the University. It comprises 21 research partner entities conducting research of relevance to Māori. Underpinned by its vision of Māori leading New Zealand into the future, NPM research realises Māori aspirations for positive engagement in national life, enhances our excellence in Indigenous scholarship and provides solutions to major challenges facing humanity in local and global settings.

National Science Challenges

The University of Auckland is Challenge Contractor for two of New Zealand's National Science Challenges, hosted at the Liggins Institute; one of the world's leading centres for research on fetal and child health, nutrition, development, epigenetics and translational and implementation science.

"A Better Start: E Tipu e Rea" hopes to reduce obesity and improve learning skills and mental health in New Zealand children.

"High-Value Nutrition" is tackling key nutrition questions with the goal of developing foods with proven health benefits for the consumers of tomorrow.

Leading researcher

The Auckland Bioengineering Institute is a large-scale cross-faculty research centre focused on the application of mathematical and engineering sciences to biology and human physiology. The Institute's Deputy Director Professor Merryn Tawhai, pictured, was the 2016 recipient of the Royal Society of New Zealand MacDiarmid Medal for her research in computational physiology of the respiratory system. She pioneered the development of anatomically detailed models that span cell-to-organ function and provide new understanding of lung physiology and disease.





Student entrepreneur – Alexei Dunayev

A Fulbright scholar and University alumnus, Alexei Dunayev is the talented founder of TranscribeMe, a technology start-up focused on high accuracy speech recognition. With offices around the world, TranscribeMe was named the fastest-growing New Zealand company in the Deloitte FAST-500 2015 Asia Pacific competition. Alexei was introduced to entrepreneurship through “Velocity”, the University’s entrepreneurship challenge.



Sporting career – Eliza McCartney

2016 was an extraordinary year for 20-year-old physiology student Eliza McCartney, who is studying for a Bachelor of Science. The young track and field athlete vaulted into New Zealanders’ hearts at the Rio Olympics, where she won the bronze medal in the pole vault after clearing 4.80 metres.



International student – Carolina Castro

Committed to a more peaceful world, Carolina Castro, from Barranquilla, Colombia, is studying for her PhD in Education. Her research focuses on teacher preparation for peace-building in post-conflict Colombia. Aiming for the top, she would like to be an ambassador for Colombia and eventually, the Minister of Education.

Students

TOTAL STUDENT NUMBERS 41,866

Domestic	35,183
International	6,683
Undergraduate*	25,250
Postgraduate*	7,192
Masters	2,262
PhD	1,949
Other	2,981

*Includes multiple enrolments for individual students

Campus life

Students at Auckland have a rich campus life, packed full of cultural, social and sporting events, clubs and societies.

They are also supported both academically and in terms of health and wellbeing through counselling, learning support and medical services.

For the benefit of all staff and students, there are three childcare centres on the City Campus and two each at Epsom and Grafton.

Art and recreation

The owner of a nationally significant art collection, the University has two art galleries, the Gus Fisher and the George Fraser. Both galleries hold regular, high-quality exhibitions.

The University Recreation Centre offers gym and fitness equipment as well as a sports hall and squash courts. Planning is currently underway for a state-of-the-art performing arts centre.

Staff

TOTAL STAFF NUMBERS 5,250

Academic	2,209
Professional	3,041

Staff fellowships and awards:

National Teaching Excellence Awards (Set up by the NZ Government in 2002.)	25
Fellows of the Royal Society of London	3
Fellows of the Royal Society of New Zealand	76
Rutherford Medal holders (The Royal Society of New Zealand’s highest honour for the advancement and development of science, mathematics, social science or technology.)	9
Fields Medal holder (Awarded internationally for outstanding discoveries in mathematics.)	1

Top teachers

Associate Professor Tracey McIntosh (Sociology) and Associate Professor Martin East (Education and Social Work) won National Tertiary Teaching Excellence Awards in 2016. They join 23 other University staff who’ve been honoured with these prestigious awards since their inception in 2002.

Both Martin and Tracey are known for their high level of competency, effectiveness and dedication to their students.

Arts laureate

Elam School of Fine Arts Associate Professor Peter Robinson was honoured with a \$50,000 Arts Foundation Laureate Award in 2016. Peter is an important and highly regarded New Zealand artist whose work has been exhibited extensively around the country and overseas.

Creative initiative

Master of Creative Writing convenor, award-winning author Dr Paula Morris (English, Drama and Writing Studies) launched the Academy of New Zealand Literature in 2016. With a literary website and a range of benefits for members, it aims to promote, support and sustain our best writers, both nationally and internationally.

Eminent scientist – Distinguished Professor Sir Richard Faull

Distinguished Professor Sir Richard Faull was made a Knight Companion of the New Zealand Order of Merit in the 2017 New Year Honours list. A professor of Anatomy, Sir Richard is highly regarded internationally for his research into the workings of the human brain. He is the founder and director of the University of Auckland’s Centre for Brain Research, which has produced world-leading breakthroughs on brain disease.



Alumni

TOTAL ALUMNI

181,068

Overseas alumni 19,260

New Zealand alumni 161,808

Among our distinguished alumni are: Dame Sian Elias, New Zealand Chief Justice since 1999; distinguished mathematician and Fields Medal winner Sir Vaughan Jones; Academy Award-winning screenwriter Philippa Boyens; noted composer Gareth Farr; former New Zealander of the Year and healthcare equity advocate Dr Lance O'Sullivan and 2017 Young New Zealander of the Year, refugee advocate Rez Gardi.

Led by Alumni Relations and Development, the campaign "For All Our Futures", publicly launched in September 2016, aims to raise \$300 million to address critical challenges facing our communities.

The University is working with donors, alumni and other supporters to answer questions like: "Can we dramatically improve cancer survival rates?"; "Can we have the best school system in the world?"; "Can we build a modern, robust economy?"

By the end of 2016, \$180 million had been raised in support of projects across our faculties and large-scale research institutes.

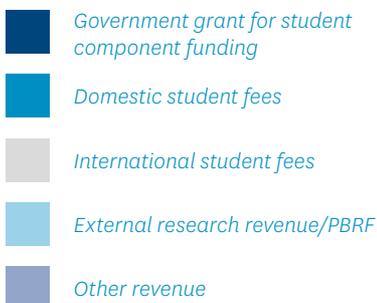
www.alumni.ac.nz

Economic contribution

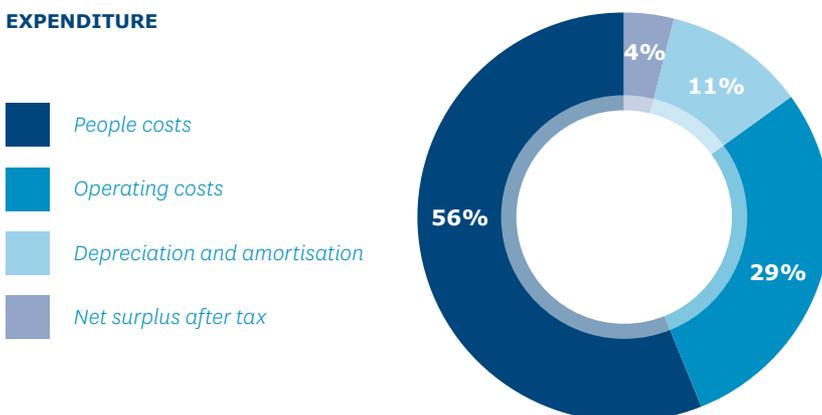
The University makes a substantial contribution to the economy of the Auckland region. It has a capital investment of \$2.9 billion in assets, an annual capital investment of \$139 million and owns a number of historic and architecturally significant public buildings in the city, including Old Government House, the ClockTower and the Owen G. Glenn Building.

Budget

REVENUE



EXPENDITURE



Dr Lance O'Sullivan, distinguished medical alumnus and healthcare equity advocate.



Rez Gardi, law alumna, refugee advocate and 2017 Young New Zealander of the Year.



Faculties and schools

Faculty of Arts

Schools

Cultures, Languages and Linguistics
Humanities
Social Sciences
Te Wānanga o Waipapa – School of Māori
Studies and Pacific Studies
www.arts.auckland.ac.nz

Business School

(Faculty of Business and Economics)

Departments, institutes, centres

Accounting and Finance
Commercial Law
Economics
Graduate School of Management
Information Systems and
Operations Management
Management and International Business
Marketing
Property
NZ Asia Institute
NZ Leadership Institute
Centre for Innovation and Entrepreneurship
www.business.auckland.ac.nz

Creative Arts and Industries

Schools, centres

Architecture and Planning
Dance Studies
Elam School of Fine Arts
Music
University of Auckland Centre for Art Studies
www.creative.auckland.ac.nz

Faculty of Education and Social Work

Schools

Curriculum and Pedagogy
Counselling, Human Services and Social Work
Critical Studies in Education
Learning, Development and Professional
Practice
Te Puna Wānanga/School of Māori and
Indigenous Education
www.education.auckland.ac.nz

Faculty of Engineering

Departments, institutes

Chemical and Materials
Civil and Environmental
Electrical and Computer
Engineering Science
Mechanical
www.engineering.auckland.ac.nz

Faculty of Law

www.law.auckland.ac.nz

Faculty of Medical and Health Sciences

Schools, institutes

Medical Sciences
Medicine
National Institute for Health Innovation
Nursing
Optometry and Vision Science

Pharmacy
Population Health
www.fmhs.auckland.ac.nz

Faculty of Science

Schools, departments

Biological Sciences
Chemical Sciences
Computer Science
Environment
Exercise Sciences
Institute of Marine Science
Mathematics
Physics
Psychology
Statistics
www.science.auckland.ac.nz

Large-scale research institutes

Auckland Bioengineering Institute

www.abi.auckland.ac.nz

Liggins Institute

www.liggins.auckland.ac.nz

Campuses

City – covers 16 hectares in the heart of Auckland City and is home to the faculties of Arts, Engineering, Science, Law, Business and Creative Arts and Industries, as well as the University's administration.

Grafton – houses the Faculty of Medical and Health Sciences and is adjacent to Auckland Hospital. It has undergone a \$240 million redevelopment replacing traditional divisions between departments with theme-based, open-plan, multi-disciplinary research spaces.

Newmarket – is a new campus covering 5.2 hectares and adjacent to the major business area in Newmarket. The first of the new facilities is now occupied by the Faculties of Engineering and Science.

Tamaki Innovation – is a campus specialising in postgraduate and research activity, especially in the area of health innovation. Tamaki is currently occupied by the School of Population Health and the University of Auckland clinics.

Epsom – is the main campus for the Faculty of Education and Social Work, ten minutes' drive from the city. It offers programmes in teacher education and social services. Facilities include dance studios, a fitness centre and gymnasium, tennis courts, a swimming pool and a childcare centre.

Tai Tokerau – offers courses run by the Faculty of Education at the Tai Tokerau Campus in Whangarei, three hours north of Auckland.

Libraries and Learning Services

Libraries and Learning Services provides library services, information commons (incorporating student IT support and learning spaces), Student Learning Services and Career Development and Employability

Services. Resources, services and expertise to support the learning, teaching and research needs of staff and students are provided online and physically. This includes 11 subject-specific libraries, three of which include information commons, as well as the stand-alone Kate Edger Information Commons on the City Campus.

There are 4,717 study spaces, 1,112 with computers. Each year the University invests approximately NZ\$20 million in scholarly collections, giving students and staff access to extensive digital resources (journals, databases, ebooks) as well as print, multi-media and archival collections.

Research facilities

Examples of our top research facilities include:

Centre for Advanced Magnetic Resonance Imaging (CAMRI)

Located at Grafton, CAMRI has the most advanced 3T Skyra MRI research scanner in the world. It delivers research expertise and resources to leading commercial and government organisations.

Aerodynamics Laboratory – Wind Tunnel Hall

Housed at Newmarket Campus are two wind tunnels offering unique opportunities to carry out experimental investigations into the aerodynamics of a wide range of objects; including sails, wings, vehicles and buildings. These tunnels are also available for contract research.

The Yacht Research Institute

Also at Newmarket, The Yacht Research Institute has drawn together staff and students from engineering and physics to research cutting edge yacht design. Many of its graduates contribute to the international marine industry at the highest level in the areas of mast, sail and hull design.

National Conservation Laboratory for Wet Organic Archaeological Materials

Based in the Department of Anthropology, the laboratory is a unique facility offering a complete range of specialist services including wet site evaluation and management, artefact assessment, chemical and physical analysis, documentation, collection surveys, treatment and archival packing.

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