



Waipapa
Taumata Rau
**University
of Auckland**

2027

Science

Postgraduate Programmes



No.1
New Zealand
University¹

Leader in
Sustainability²

No.67
in the QS World
University Rankings³

Postgraduate programmes in Science

Master of Artificial Intelligence (MAI)

Artificial Intelligence (AI) is increasingly impacting society – and we expect that impact to grow as developments speed up. The Master of Artificial Intelligence is designed to meet the needs of both developers and researchers who want to improve the capability of AI systems. You will be able to fulfil the demands of the global job market with essential knowledge, skills, and experience. This taught programme provides specialist knowledge that can help you to use the power of machine learning and automated cognition to shape society and revolutionise industries with cutting-edge technology.

auckland.ac.nz/mai



Master of Behaviour Analysis (MBehAnalysis)

This programme equips graduates with a deep understanding of principles for analysing complex human behaviours, including language and social interactions. Graduates of the MBehAnalysis will be professional, ethical, competent and safe behaviour analysts. They will be adept at working collaboratively with other practitioners and with individuals, whānau and communities, applying culturally safe care to clients across the lifespan to improve health

and education equity in Aotearoa New Zealand. They may find employment in education, health, business, public and private organisations, or forensics.

Students who complete this degree, and also the Postgraduate Diploma in Applied Psychology, will be eligible to register as a psychologist with the New Zealand Psychologists Board.

auckland.ac.nz/mbehanalysis



Master of Bioscience Enterprise (MBioEnt)

Taught by the School of Biological Sciences, the Business School and the Faculty of Law, the MBioEnt teaches scientists to understand and protect the value of their research. You'll learn how to translate breakthrough discoveries into high-value products and strategies for commercialisation. You'll explore key aspects of intellectual property law, valuation tools, and the writing of a business plan. You'll also complete a six-month industry internship, which offers a unique opportunity to put your skills into practice.

auckland.ac.nz/mbioent



Cover attributions:

1. *science.auckland.ac.nz/excellence
2. QS World University Rankings: Sustainability 2026, 28th globally
3. QS World University Rankings 2027



Master of Biotechnology (MBiotech)

Develop your career, gain specialist knowledge and skills, and connect with government and industry partners in our Master of Biotechnology. You can explore possibilities, gain insight, and address emerging global challenges for human and environmental health and wellbeing. You'll have the option to focus your study on a specific area like genomics, proteomics, microbial biotechnology or bioinformatics or take a mix of courses that cover all these topics. You'll also develop skills that equip you for employment in the biotechnology sector or further study.

auckland.ac.nz/mbiotech



Master of Chemistry (MChem)

Chemistry is at the foundation of the modern world. Everything that we eat, use and wear is made possible through modern chemistry. This degree will offer students the chance to further their chemistry knowledge and learn from experts in the field. The specialisations in analytical chemistry and materials science focus on real-world applications of chemistry. They are designed to equip students with skills that will allow them to both progress their research study and make them job-ready.

auckland.ac.nz/mchem



Master of Clinical Exercise Physiology (MClinExPhys)

This postgraduate programme prepares you for a career as a Clinical Exercise Physiologist. Clinical Exercise Physiologists are allied health professionals who design and deliver exercise for the prevention and management of chronic health problems such as musculoskeletal issues, diabetes, cancer and cardiovascular disease. You will complete clinical placements at sites like the Health and Rehabilitation Clinic, undertaking the supervised work experience needed to gain professional registration.

auckland.ac.nz/science/pg-cep



Master of Data Science (MDataSci)

The ability to turn data into information, knowledge and innovative products is a skill in high demand within industry. By completing a strong core of Computer Science and Statistics courses, you will gain a unique combination of skills in Data Science, enabling you to comprehend, process and manage data effectively to extract value from it. Graduates will be critical, reflective practitioners able to pursue professional goals or further postgraduate study.

auckland.ac.nz/mdatasci



Master of Ecology (MEcology)

The MEcology is a focused programme enabling you to connect with industry and government partners and agencies while developing your career in professional ecology. Study a diverse array of expert specialisations, gaining knowledge in population and community ecology, global change, biosystematics, ecophysiology, ethics, socio-ecological systems and more. Entry to the Master of Ecology is through a recognised undergraduate degree in biological sciences, ecology, environment, or marine science.

auckland.ac.nz/mecology



Master of Engineering Geology (MEngGeol)

Learn the essential skills to mitigate the impact of natural processes and man-made structures in order to prevent and control hazards. By focusing on the development of accurate and reliable geological ground models, you will be well equipped to work within New Zealand's complex environment and contribute to the projected construction boom. This interfaculty programme, between the Faculty of Engineering and Design and the Faculty of Science, is for students who want to pursue an industry-relevant programme.

auckland.ac.nz/menggeol



Master of Environmental Science (MEnvSci)

Gain the specialist knowledge and skills to contribute solutions to issues associated with ongoing and rapid change in the Earth's environmental systems. With an emphasis on transdisciplinary knowledge, you will study a range of topics within the School of Environment. Areas the programme focuses on include water-use and governance, air and water quality, ecosystem ecology, environmental modelling and analysis, climate change, and resource management. Graduates of the MEnvSci will have developed the crucial conceptual and practical skills required of professional environmental scientists in research and industry.

auckland.ac.nz/menvsci



Master of Food Science (MFoodSci)

The MFoodSci provides students with the opportunity to gain specialist knowledge and skills in the key aspects of Food Science, including food chemistry, food safety and food process engineering. The programme includes a mix of taught courses and a research project conducted under the supervision of a food science academic. The programme provides a bridge for students with an undergraduate degree in food science related disciplines to move into the food science area.

auckland.ac.nz/mfoodsci



Master of Information Technology (MInfoTech)

The ICT industry is one of the fastest growing industries in the world. As a result there's a huge demand for industry-ready ICT graduates who have the right mix of technological skills and business awareness. The depth of business enterprise and project-based learning sets the MInfoTech apart from other qualifications. During the programme, you'll complete a 10-week internship where you'll work on a real-world project.

auckland.ac.nz/minfotech



Master of Marine Conservation (MMarineCons)

The MMarineCons is developed and taught in partnership with Conservation International (CI) and provides essential skills for people looking for careers in Marine Protected Area (MPA) research and management, and marine conservation more generally. If you are already working in this exciting field, or you want to make an impact in the marine conservation world, the MMarineCons will give you the opportunity to upskill, expand your knowledge, and gain research experience. The programme also provides learning and hands-on experience in policy and strategic management and will benefit graduates from other disciplines wanting to work in marine conservation.

auckland.ac.nz/mmarinecons



Master of Marine Studies (MMarineSt)

The Master of Marine Studies is an advanced programme that will particularly appeal to international students who have completed an undergraduate degree in marine-related subjects. Learn about cross-disciplinary approaches to marine science, and develop your practical skills in research design, environmental management and field techniques. Graduates of the MMarineSt programme can look forward to employment opportunities in a wide variety of careers based in government agencies, research institutes and industry.

auckland.ac.nz/mmarinest



Master of Mathematical Modelling (MMathModel)

This programme will equip students with advanced mathematical and computational techniques required for modelling real-world phenomena such as transport over networks, epidemics, or climate change. It will expose students to a broad range of realistic modelling techniques and provide them with expertise in advanced computational tools. Students will also gain fundamental knowledge of the underlying theoretical principles and assumptions.

auckland.ac.nz/mmathmodel



Master of Organisational Psychology (MOrgPsych)

Develop advanced knowledge of human behaviour in the workplace and be well-prepared for a range of specialist employment opportunities or further study. Gain unique abilities, skills and knowledge to be highly competitive in the world of organisational psychology through a combination of research and taught courses. You'll focus on applying the principles of individual, group and organisational behaviour to the solution of problems at work.

auckland.ac.nz/morgpsych



Master of Physiotherapy Practice (MPhysioPrac)

The MPhysioPrac is accredited by the Physiotherapy Board of New Zealand, allowing you to apply to register as a physiotherapist. This graduate-entry masters programme will prepare you for a career in physiotherapy. You'll develop strong clinical and critical reasoning from evidence-based, research-informed, contemporary and culturally responsive content. Assessment is practice-oriented, using case-based, student-centred and active learning methods. Through a combination of online and face-to-face learning, along with clinical placements, you will be well-placed to become a leader of the future in the physiotherapy profession.

auckland.ac.nz/mphysioprac



Master of Speech Language Therapy Practice (MSLTPrac)

Are you a graduate from a related field such as psychology, linguistics, health sciences or education? The MSLTPrac is a New Zealand Speech-language Therapy Association accredited qualification. It is designed to provide you with the necessary specialist skills and experience to practise as a Speech Language Therapist in New Zealand or overseas. You will study a range of subject areas, including anatomy, physiology, linguistics and acoustics. You will learn to apply theory to clinical practice. You will use a range of approaches and technologies to assess, diagnose and treat communication and swallowing disorders.

auckland.ac.nz/msltprac



Master of Wine Science (MWineSci)

The Master of Wine Science embeds practical winemaking skills within theoretical coursework. It provides opportunities for students to research topics that directly benefit the New Zealand wine industry and to study fundamental fermentation chemistry and biology. You'll have access to the Goldie Wine Science Centre on Waiheke Island for day field tips, where you'll gain practical viticulture and winemaking experience.

auckland.ac.nz/mwinesci



Postgraduate programmes available

Postgraduate programmes	Taught	Research	PhD Pathway	Online	Time to complete (full-time study)
Graduate Diploma in Applied Psychology (GradDipAppPsych)	✓			✓	18 months
Bachelor of Science(Honours)(BSc(Hons))	✓		✓		1 year
Postgraduate Certificate in Data Science (PGCertDataSci)	✓			✓	1 semester
Postgraduate Certificate in Information Technology (PGCertInfoTech)	✓			✓	1 semester
Postgraduate Diploma in Applied Psychology (PGDipAppPsych)	✓				1 year
Postgraduate Diploma in Clinical Psychology (PGDipClinPsych)	✓				3 year
Postgraduate Diploma in Forensic Science (PGDipForensic)	✓				1 year
Postgraduate Diploma in Science (PGDipSci)	✓				1 year
Master of Behaviour Analysis (MBehAnalysis)		✓	✓		2 years
Master of Biotechnology (MBiotech)	✓		✓		18 months
Master of Chemistry (MChem)	✓		✓		18 months
Master of Clinical Exercise Physiology (MClinExPhys)	✓		✓		18 months
Master of Data Science (MDataSci)	✓		✓		1-2 years
Master of Ecology (MEcology)	✓		✓		18 months
Master of Environmental Management (MEnvMgt)	✓		✓		18 months
Master of Environmental Science (MEnvSci)	✓	✓	✓		18 months
Master of Food Science (MFoodSci)	✓		✓		18 months
Master of Information Technology (MInfoTech)	✓				1-2 years
Master of Marine Conservation (MMarineCons)	✓	✓	✓		18 months
Master of Marine Studies (MMarineSt)	✓	✓	✓		18 months
Master of Organisational Psychology (MOrgPsych)	✓	✓	✓		18 months
Master of Physiotherapy Practice (MPhysioPrac)	✓		✓		2 years
Master of Science (MSc)	✓	✓	✓		1 or 2 years
Master of Speech Language Therapy Practice (MSLTPrac)	✓		✓		2 years
Master of Wine Science (MWineSci)	✓		✓		18 months
Doctor of Clinical Psychology (DClinPsy)		✓	NA		3 years
Doctor of Philosophy (PhD)		✓	NA		3-4 years
Interfaculty qualifications					
Postgraduate Certificate in Artificial Intelligence (PGCertAI)	✓			✓	1 Semester
Postgraduate Certificate in Mathematical Modelling (PGCertMathModel)	✓				1 Semester
Postgraduate Diploma in Artificial Intelligence (PGDipAI)	✓				1 year
Postgraduate Diploma in Bioscience Enterprise (PGDipBioEnt)	✓				1 year
Postgraduate Diploma in Mathematical Modelling (PGDipMathModel)	✓				1 year
Master of Artificial Intelligence (MAI)	✓		✓		1 year or 18 months
Master of Bioscience Enterprise (MBioEnt)		✓	✓		1 year
Master of Engineering Geology (MEngGeol)	✓		✓		Varies
Master of Professional Studies (MProfStuds) – Data Science/Digital Security/Mathematics Education	✓		✓		1 year
Master of Mathematical Modelling (MMathModel)	✓		✓		1 year or 18 months

Disclaimer: The information in this document is a general guide only for students and is subject to alteration. All students enrolling at the University of Auckland must consult the Curriculum Catalogue to ensure that they are aware of and comply with all regulations, requirements and policies. [2026]

le in Science

Part-time study	International students	Points required	Start			More information
			Semester One	Semester Two	1 December	
✓	✓	120	✓			auckland.ac.nz/graddipapppsych
Varies	✓	120	✓	✓		auckland.ac.nz/bsc-hons
✓	✓	60	✓	✓		auckland.ac.nz/science-pgcertdatasci
✓	✓	60	✓	✓		auckland.ac.nz/pgcertinfotech
	✓	120	✓			auckland.ac.nz/pgdipapppsych
✓		240	✓			auckland.ac.nz/pgdipclinspsych
✓	✓	120	✓	✓		auckland.ac.nz/pgdipforensic
✓	✓	120	✓	✓		auckland.ac.nz/pgdipsci
	✓	240	✓			auckland.ac.nz/mbehanalysis
✓	✓	180	✓	✓		auckland.ac.nz/mbiotech
✓	✓	180	✓	✓		auckland.ac.nz/mchem
✓	✓	180	✓			auckland.ac.nz/mclinexpshys
✓	✓	180 or 240	✓	✓		auckland.ac.nz/mdatasci
✓	✓	180	✓	✓		auckland.ac.nz/mecology
✓	✓	180	✓	✓		auckland.ac.nz/menvmgt
✓	✓	180	✓	✓		auckland.ac.nz/menvsci
✓	✓	180	✓			auckland.ac.nz/mfoodsci
✓	✓	120, 180 or 240		✓	✓	auckland.ac.nz/minfotech
✓	✓	180	✓	✓		auckland.ac.nz/mmarinecons
	✓	180	✓	✓		auckland.ac.nz/mmarnest
	✓	180	✓			auckland.ac.nz/morgpsych
	✓	180	✓			auckland.ac.nz/mphysioprac
✓	✓	120 or 240	✓	✓	✓	auckland.ac.nz/msc
	✓	240	✓			auckland.ac.nz/msltprac
	✓	180	✓	✓		auckland.ac.nz/mwinesci
		360	✓			auckland.ac.nz/dclinpsy
✓	✓	Thesis	Begin at any time			auckland.ac.nz/phd
✓	✓	60	✓			auckland.ac.nz/science-pgcertai
	✓	60	✓	✓		auckland.ac.nz/pgcertmathmodel
✓	✓	120	✓			auckland.ac.nz/science-pgdipai
✓	✓	120	✓			auckland.ac.nz/pgdipbioent
	✓	120	✓	✓		auckland.ac.nz/pgdipmathmodel
✓	✓	120 or 180	✓			auckland.ac.nz/mai
✓	✓	120	✓			auckland.ac.nz/mbioent
✓	✓	120 or 180	✓	✓		auckland.ac.nz/menggeol
✓	✓	120	✓	✓	✓	auckland.ac.nz/mprofstuds
✓	✓	120 or 180	✓	✓		auckland.ac.nz/mmathmodel



Waipapa
Taumata Rau
**University
of Auckland**

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

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

Email us: studentinfo@auckland.ac.nz

Or phone: 0800 61 62 63

International: +64 9 373 7513

Web: auckland.ac.nz



auckland.ac.nz/science