



VICTORIA UNIVERSITY OF
WELLINGTON
TE HERENGA WAKA
NEW ZEALAND

MASTER OF ARTIFICIAL INTELLIGENCE

START DATES

February, July

DURATION

1–1.5 years (3 trimesters)

POINTS

180 points

NZQA

Level 9

TUITION FEES*

NZ\$46,650 per 120 points (NZ\$70,000 for full programme)

PATHWAY TO PhD

If a student does well in their Master's degree and shows an aptitude for advanced research, they will be able to apply to study for a Doctor of Philosophy (PhD)

*Tuition fees are estimated and subject to change.

ADMISSION REQUIREMENT

Academic requirements

A Bachelor's degree in a computer-science- or data-science-related area with at least a B average. No work experience required. A CV and statement of purpose are required.

English requirements

IELTS 6.5 with no sub-score below 6

PART 1: COURSES (COMPULSORY TO COMPLETE 120 POINTS)

15 points

- ▶ AIML 430 Applications and Implications of Artificial Intelligence

45 points from

- ▶ AIML 425–440

30 further points from

- ▶ AIML 420–489
- ▶ EEEN 422 Convex Optimisation
- ▶ EEEN 430 Robotic Intelligence and Design

30 further points from

- ▶ AIML 400–499
- ▶ COMP 400–499
- ▶ DATA 400–499
- ▶ EEEN 422 Convex Optimisation
- ▶ EEEN 430 Robotic Intelligence and Design
- ▶ SWEN 400–499
- ▶ NWEN 400–499
- ▶ STAT 432 Computational Statistics
- ▶ STAT 452 Bayesian Inference

PART 2: COURSES (COMPULSORY)

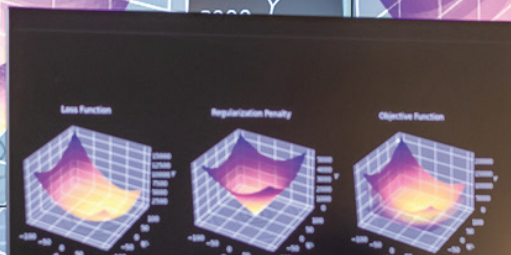
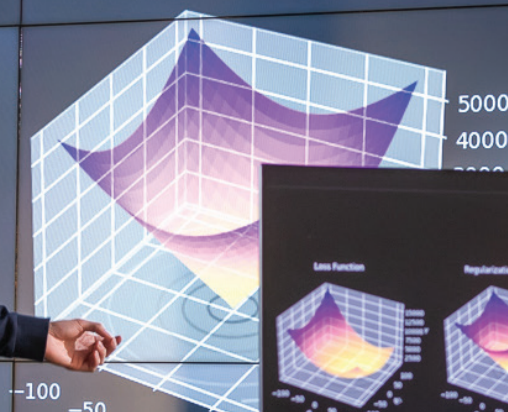
- ▶ AIML 501 Research Essay in Artificial Intelligence (15 points)
- ▶ AIML 589 Research Project (45 points)



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Loss Function

Regularization Penalty



LEARN FROM THE BEST

Professor Mengjie Zhang



Mengjie Zhang is a professor of Computer Science (AI) at Victoria University of Wellington, where he led the establishment of Te Whiri Kawe—Centre for Data Science and Artificial Intelligence.

The Centre was launched in June 2023 by the Minister of Research, Science, and Innovation and the Institute of Electrical and Electronics Engineers' Computational Intelligence Society's president.

Mengjie also heads the Evolutionary Computation and Machine Learning Research Group.

PROGRAMME HIGHLIGHTS

- ▶ Victoria University of Wellington's Master of Artificial Intelligence (MAI) programme is the first of its kind to be offered in New Zealand.
- ▶ Study with an AI research group of more than 50 researchers and students, whose pioneering work is at the cutting edge of AI knowledge and development.
- ▶ The MAI programme is part of a suite of AI qualifications offered by our university, from the Bachelor of Science with Honours through to PhD study.
- ▶ The Industry Alliance Programme from the University will help MAI students in terms of finding internships, mentors from industry, and other industry-related programmes.

CAREER OPPORTUNITIES

Graduates work with the technologies used in smartphones and Internet of Things (IoT) devices, and develop and implement systems used in advanced manufacturing, food production, healthcare, and surveillance and security.

COMPANIES WHERE OUR GRADUATES HAVE WORKED

Assurity Consulting, Atlassian, Catalyst IT, Datacom, Deloitte, DXC Technology, Eagle Technology, EY, Fast Enterprises, FNZ, Google, IBM, KPMG, New Zealand Police, One NZ, PwC, Xero

FIND OUT MORE

 wgn.ac.nz/master-ai

