

Tohu Paerunga Mātauranga Pāngarau Postgraduate Mathematics Education



Mathematics Education is vital to ensure young people are numerate, understand how the world works, and are equipped for future careers. Understanding how students learn Mathematics and the most effective ways of teaching it are at the heart of this subject.

High-quality Mathematics Education informs education, science, technology and engineering. As well as ensuring a numerate, highly skilled society, Mathematics Education provides the foundation for teaching young people important skills in logic, critical and creative thinking, problem solving, seeking evidence and analysing data.

Courses available in this subject include:

- › Mathematical Processes in the Curriculum
- › Teaching and Learning in Algebra
- › Affect and Aesthetics in Mathematics Education
- › Topics in Statistical Education
- › Technology and Mathematics Education
- › Special Topics in Mathematics Education
- › Theoretical Issues in Mathematics Education
- › Introduction to Research in Mathematics Education

More about this programme

A Master of Professional Studies (MProfStuds) in Mathematics Education is designed for mathematics teachers who wish to reflect on and enhance their classroom practice through professional development, study and research.

The programme is tailored for teachers working part or full-time and can be taken part-time.

The degree brings together research, subject knowledge and professional experience to develop critical approaches to mathematics and statistics teaching and learning. The programme will allow students to explore research relevant to their mathematics teaching practice.

Students may be eligible for partial or full fee subsidies from their schools or the Ministry of Education, and scholarships from the University (see below), or the Auckland Mathematical Association (AMA).

Scholarships

You can apply for a range of scholarships when you apply for postgraduate study in Science.

auckland.ac.nz/science-scholarships



Career opportunities

Mathematics Education is essential for making sure mathematics is more widely understood and that students are inspired to pursue mathematical-based subjects and careers.

Graduates of this programme will be better equipped to be senior practitioners in mathematics and statistics education at primary, secondary or tertiary level, to lead the research-based professional development of mathematics teachers in their institution, and to take on positions of responsibility that involve mentoring other teaching staff.

Mathematics Education can also open up career opportunities in training in industry, policy making, research and many other fields.

Our graduates have been employed in the following jobs:

- › Promotions for teachers within their schools (e.g., HODs, deputy principals)
- › Professional Teaching Fellows
- › Lecturers
- › Professors
- › Education policymakers

This subject is available in:

- › Master of Professional Studies

You may also be interested in our programmes in Mathematics, Education, Applied Mathematics and Psychology.



Find out more about how your degree will be structured and what courses you need to take at

auckland.ac.nz/science/pg-maths-ed

Applications close on 8 December.



"The lecturers for the MProfStuds were great. They challenged my thinking and inspired me to think more about literature and how it could assist with how we practice in the math classroom."

Katalina Ma
Master of Professional Studies in Math Education.

Kuhua ki tō mātou hāpori, ā, Kimihia tōu Pūtaiao.
Join our community and find your Science.



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

Have any questions?
Contact the Student Hub

auckland.ac.nz/student-hubs