

MASTER OF PROFESSIONAL STUDIES (MProfStuds) in
MATHEMATICS EDUCATION
POSTGRADUATE HANDBOOK

2017



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

SCIENCE

Welcome to the Department of Mathematics



We extend a warm invitation to all mathematics teachers wishing to obtain a masters qualification by enrolling in our Master of Professional Studies degree in Mathematics Education.

The Department of Mathematics is a vibrant place of research, teaching and further education, with active and internationally recognised research groups in Pure Mathematics, Applied Mathematics and Mathematics Education.

Our programme of postgraduate study in Mathematics Education is specifically targeted at mathematics teachers like you. It integrates research, subject knowledge and teaching experience to allow you to explore and research different aspects of teaching practice.

We look forward to welcoming you as a postgraduate student in our department.

PROFESSOR BERND KRAUSKOPF
Head of Department



Welcome to the Mathematics Education Unit. Our group is internationally recognised for research and teaching in secondary and tertiary mathematics and statistics education.

If you join our community you will meet high-profile visiting researchers from around the world and be part of our social and professional activities. We value our position amongst mathematicians, so you will also develop links and friendships within the wider mathematics community.

We are delighted that this programme recognises your teaching experience and gives you the opportunity to complete a masters degree in one year.

ASSOCIATE PROFESSOR CAROLINE YOON
Head, Mathematics Education Unit

A Master of Professional Studies (MProfStuds) in Mathematics Education is designed for mathematics teachers who wish to study and research their classroom practice.

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.

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.

The Judy Paterson Mathematics Education Scholarship is an annual award for partial fees payment available to teachers from decile 1 and 2 schools.

Prerequisites

- Bachelors degree, or bachelors (honours) degree
- A teaching qualification recognised as equivalent to one year's advance study
- At least three years of post-qualification teaching involving mathematics or statistics
- Hold a current teaching position (full or part-time)
- Any prerequisites for the courses in the subject area in which they wish to enrol

Entry is with the approval of the Director of the programme.

Start date:

Semester One or Semester Two by arrangement.

For more information and advice contact:

Dr Jean-Francois Maheux

Email: j.maheux@auckland.ac.nz



Programme structure

This is a one-year, full-time, research-informed masters programme that can be taken as either a research-oriented, or a teaching-oriented version.

Research-orientated programme

The research-oriented version may also be taken part-time over two years.

- 90 points (research portfolio): MATHS 790
- 15 Points from EDPROFST 785, 787 or 788
- 15 Points from MATHS 701–789, STATS 701–787, ENGSCI 701–772

Teaching-orientated programme

The teaching-oriented version may also be taken part-time over three-and-a-half years.

- 45 points (Dissertation): MATHS 785 or STATS 792 or EDPROFST 789
- The equivalent of five 15 point courses from MATHS 701–789, STATS 701–787, ENGSCI 701–772, EDPROFST 785, 787, or other courses as may be approved.

Helpful information

Academic dates	www.auckland.ac.nz/dates
Accommodation	www.accommodation.auckland.ac.nz
Apply for postgraduate study	www.auckland.ac.nz/applynow
Career Development and Employment Services	www.cdes.auckland.ac.nz
Childcare	www.auckland.ac.nz/childcare
Degree planning and course advice	www.science.auckland.ac.nz/student-centre
Disability Services	www.disability.auckland.ac.nz
General Education	www.auckland.ac.nz/generaleducation
How to enrol	www.auckland.ac.nz/enrolment
Information for postgraduate students	www.postgraduate.ac.nz
International students	www.international.auckland.ac.nz
Libraries and Learning Services	www.library.auckland.ac.nz
Māori and Pacific students	www.science.auckland.ac.nz/tuakana
Need help?	www.askauckland.ac.nz
Postgraduate Students' Association	www.pgsa.org.nz
Rainbow Science Network for LGBTI students	www.science.auckland.ac.nz/rainbowsience
Scholarships, awards and fees	www.scholarships.auckland.ac.nz Judy Paterson Mathematics Education Scholarship www.auckland.ac.nz/fees
Support for Science students	www.science.auckland.ac.nz/support

Questions about Mathematics? Email pgscience@auckland.ac.nz



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