Master of Mathematics Education
UNDA Course Code 5134

About The Master of Mathematics Education
The Master of Mathematics Education caters for the following needs:
- Current teachers wishing to add Mathematics as a teaching area
- Current teachers wishing to be equipped to teach Year 12 Mathematics.
- Teachers desiring to pursue higher research in Mathematics Education.
- Teachers in primary and secondary school level wishing to have a strong grounding in Mathematics.
- Teachers and staff who desire to gain professional development.

Why study the Master of Mathematics Education at Notre Dame?
The School of Arts and Sciences at the University of Notre Dame is a small community of engaged scholars who will support and nurture students’ specific areas of interest.

The School of Arts and Sciences is committed to working directly with students to develop opportunities for them to engage with their chosen industry, in order to deepen their studies as well as to create solid work opportunities.

The Master of Mathematics Education degree enables students to develop key employability skills in areas such as teaching Mathematics. Students will become proficient in pure and applied tertiary level mathematics. They will also develop skills in analysing problems and developing innovative solutions, using technology to teach and enhancing their communication and learning skills.

Course Outline:
The Master of Mathematics Education is equivalent to 1.5 full years of study, delivered over 2-3 evenings per week.

The first year comprises of four core units (part-time):
- Principles of Mathematics
- History and Philosophy of Mathematics
- Calculus
- Mathematics and Technology

The second year comprises of six core units (full-time):
- Advanced Algebra and Geometry
- Research Methods in Mathematics (equivalent to 2 units)
- Research Projects in Mathematics (equivalent to 2 units)
- Reason and Revelation
- Advanced Calculus
- Teaching Methods in Mathematics

Students who successfully complete their first year qualify for the Graduate Certificate in Mathematics.

Upon successful completion of all 10 units students qualify for the Master of Mathematics Education.

Mode of Study & Assessment
Students may undertake study commencing in First Semester (February) or Second Semester (July).

The units are taught in the evening during the semester and some units are taught during the school holidays in the middle of the semester. The research units are supervised by academics and publication of research results is highly recommended.

The assessment of competency in each unit consists of tutorial performance, a number of assignments or projects during the semester and a final examination.

Course Duration
The standard duration of the Master of Mathematics Education is two years of study, however it can be completed in 1.5 years if studied full time. The first year is part-time and the second year is full-time.

Admission Requirements
- A completed Bachelor degree from a recognised University in Arts, Science, Education or Business and a teaching qualification.
- Course participants are expected to have completed Advanced Mathematics at High School Certificate (or equivalent Year 12 High School) level.

Applications should be received at least one month prior to commencement. However, there are limited places so early application is encouraged.

Career Opportunities:
Master of Mathematics Education graduates have valuable skills that make them attractive to a wide range of employers and organisations. It is possible to gain employment in areas such as:
- Government and Catholic primary and secondary schools
- Government departments, including the Department of Education
- Management and business
- Non-Government Organisations (NGOs)
- Community-based organisations
- Training & professional development

Further Information:
The information contained in this publication is designed as a basic course description. If you would like further information regarding admissions, fees or the University itself, please contact the Prospective Students Office on (02) 8204 4404 or sydney@nd.edu.au

Prospective Students Office
(For further information on the University and admissions process)
140 Broadway, Chippendale, NSW | PO Box 944 Broadway NSW 2007
Tel: +61 2 8204 4404 | Email: sydney@nd.edu.au

Admissions Office
(For an application has already been submitted)
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