



THE UNIVERSITY OF NOTRE DAME AUSTRALIA

Graduate Certificate in Mathematics

Graduate Certificate in Mathematics

School of Arts & Sciences

Do you wish to improve your maths understanding for professional development? The University of Notre Dame Australia's Graduate Certificate of Mathematics provides a short postgraduate study program for graduates of other disciplines who need to understand and use mathematics professionally. If you are an accredited teacher from another domain, you can improve your employment prospects by gaining the content knowledge to teach in the high-demand area of mathematics. Get in touch today to start your learning journey.

Why study this program?

This Graduate Certificate in Mathematics is ideal if you are a working professional who wishes to improve your mathematical expertise and career prospects. A

university-level mathematics qualification provides knowledge and problem-solving skills that are useful across many fields, including finance, insurance, engineering, epidemiology and data analytics.

It is an ideal starting point for accredited teachers from other disciplines to become proficient in pure and applied tertiary-level mathematics, including algebra, calculus, geometry and statistics. You will also develop skills in analysing problems and developing innovative solutions, using technology to analyse and visualise data and enhancing your communication and learning skills.

This Graduate Certificate of Mathematics is part of a nested program of study. Nested programs allow you to build on your study to achieve the level of qualification that is right for you. The program consists of four core courses and has been designed around school terms to assist you in balancing your existing work, family and other commitments.

Program summary

- MATH5000 Principles of Mathematics
- MATH5030 Calculus
- MATH5001 Linear Algebra
- MATH5002 Statistics

Full details of the program requirements are contained in the Program Requirements

(https://www.notredame.edu.au/_data/assets/pdf_file/0014/415/Cert-Grad-Dip-Mast-Math.pdf).

arts&sciences

More information regarding courses can be found at the [course descriptions](https://www.notredame.edu.au/about/schools/sydney/arts-and-sciences/course-descriptions) (<https://www.notredame.edu.au/about/schools/sydney/arts-and-sciences/course-descriptions>) page.

Please note: The availability of these courses is indicative only and may be subject to change.

Entry requirements

A completed Bachelor's degree from a recognised university in Arts, Science, Education or Business.

Learning outcomes

Upon successful completion of the Graduate Certificate in Mathematics graduates will be able to:

1. Solve complex problems in the mathematical areas of Algebra, Geometry, Statistics and Calculus
2. Demonstrate critical thinking skills, including formulating and modelling practical and abstract problems in mathematical terms
3. Apply mathematical principles, concepts, techniques, and technology to solve practical and abstract problems
4. Demonstrate communication skills to transfer an understanding of theoretical concepts
5. Articulate the importance of life-long learning, professional development, and self-directed learning.

Career opportunities

The Graduate Certificate in Mathematics is designed for experienced educators. It will prepare you to teach mathematics in Catholic primary and secondary schools, Government departments, including the Department of Education. Other opportunities include management and

business, non-government organisations (NGOs), community-based organisations, and training & professional development.

Real-world experience

You will learn from our academics, who are leaders in their field. There are no practicum requirements for this program.

Fees and costs

This Program has the following loan scheme(s) available for eligible students:

Domestic Fee-Paying

A domestic fee-paying place is a place at university where the student is responsible for the full cost the program.

Eligible domestic fee-paying students may apply for the FEE-HELP loan scheme

(<https://www.studyassist.gov.au/preview-link/node/108/a39069a0-c0d9-4ed5-ad8e-1df4d43a987a>)

which assists eligible fee-paying students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your FEE-HELP debt will be indexed each year in line with the Consumer Price Index.

For indicative fees and information on how to pay, including Government loan schemes and our online calculator, visit our Fees, costs and scholarships page (<https://www.notredame.edu.au/study/fees-costs-and-scholarships>).

More information

Considering your uni options?

Talk to one of our career advisors for a personalised advice session (<https://calendly.com/d/dmr-5gg-c2h>). Our advisors provide support while choosing a program of study and completing our application process. **Book my session. (<https://calendly.com/d/dmr-5gg-c2h>)**

For more information, please call our Prospective Students Office on +61 2 8204 4404 or email sydney@nd.edu.au (<mailto:sydney@nd.edu.au>).

For more information, please email studyonline@nd.edu.au. (<mailto:studyonline@nd.edu.au>)

APPLY DIRECT ↗

Need help? Ask Notre Dame

(02) 8204 4404 - NSW

Duration: 0.5 year equivalent full-time study. Only available rt-time.

Duration type: Part time

Campus: Sydney

Study mode: Online

Commencement: Semester 1

Program code: 4153

Fee: Domestic Full Fees

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