

# MASTER OF SCIENCE IN MATHEMATICS



## OVERVIEW

The Department of Mathematics has been ranked 1<sup>st</sup> of Asian universities and among the top worldwide according to the QS World University Rankings by Subject. The Department offers diverse and vibrant graduate programmes in mathematical sciences. Faculty members' research covers all major areas of contemporary mathematics. The Master of Science in Mathematics is designed to provide advanced training

in mathematical sciences. Students of the programme are expected to acquire advanced knowledge in modern mathematics, including pure and applied mathematics, and in other interdisciplinary areas. This programme lays a solid foundation in mathematics for students to meet the growing demands by industry and to pursue advanced studies such as PhD in Mathematics.



## FACULTY

The Programme is offered by the Department of Mathematics. In addition to the basic elective courses, general elective courses from Quantitative Finance as well as Data Science and Machine Learning are also offered in the Department of Mathematics. This provides students the opportunity to broaden and deepen their understanding of the background and implications of the use of quantitative methods.



## CAREER OPPORTUNITIES

Our graduates have a wide range of career paths. They may work in universities, institutes and government agencies as Research Scientists or work in various industries such as finance, healthcare, manufacturing, science and technology as Quantitative Analyst, Operations Research Analysts, Investment Analyst, Actuarial Analyst, etc. Some graduates may choose to pursue advanced studies.



## PROGRAMME STRUCTURE AND CANDIDATURE

Designed for students with a robust foundation in mathematical sciences, this programme offers two tracks: Track 1 and Track 2.

Track 1 is a 40-unit programme consisting of five basic elective courses and five general electives course. Full-time Track 1 students have a minimum candidature period of 1 year and a maximum of 2 years, while part-time students have a minimum candidature period of 2 years and a maximum of 4 years.

Track 2 is an exclusive 80-unit programme tailored for students who do not have an Honours Degree (or equivalent) in mathematics but are enrolled in either a MSc in Mathematics (Joint Education) programme or a '3+2' programme with our partner universities.



## ADMISSION REQUIREMENTS

- **For the Track 1 (40-unit programme):**  
A Bachelor's (Honours) degree in mathematics or an equivalent qualification, or a Bachelor's (Honours) degree in a discipline with strong training in mathematics at university level.
- **For the Track 2 (80-unit programme):**  
A three-year Bachelor's degree in mathematics or an equivalent qualification, or a three-year Bachelor's degree in a discipline with strong training in mathematics at university level.
- A candidate whose medium of undergraduate instruction is not English is required to submit TOEFL (with the minimum score 85 for the internet-based test) or IELTS (with the minimum score 6.0).



## TO APPLY

- Tuition fees per programme:
  - For Track 1: Singapore Dollar 52,320 (inclusive of 9% GST)
  - For Track 2: Singapore Dollar 91,560 (inclusive of 9% GST)
- Online via NUS Graduate School: [gradapp.nus.edu.sg/apply](http://gradapp.nus.edu.sg/apply)
- Early admission applications are accepted from 16 May 2024 to 15 July 2024 for the August 2025 intake
- Regular admission applications are open from 1 October 2024 to 15 March 2025 for the August 2025 intake

Scan the **QR code** for detailed information about the Programme

