



NUS
National University
of Singapore

Faculty of
Science

MASTER OF SCIENCE IN QUANTITATIVE FINANCE

OVERVIEW

The Department of Mathematics is consistently ranked 1st in Asia and among the top 10 worldwide according to the QS World University Rankings by Subject. The department offers rigorous programmes that foster critical thinking, analytical skills, and problem-solving abilities. Our faculty's research cover all major areas of contemporary mathematics, ensuring students are exposed to cutting-edge developments in the field. The Master of Science in Quantitative Finance provides advanced education in quantitative finance, preparing the next generation of professionals for the evolving financial sector. Graduates will gain the expertise needed to meet the growing demands of digital finance and financial technology in Asia and globally.



FACULTY

The programme provides a strong foundation through core courses and offers electives like AI and FinTech, and Structured Products to address current industry needs. Students benefit from experienced faculty sharing the latest research and senior professionals from prestigious financial institutions offering first-hand insights. Offered by the Department of Mathematics in collaboration with the Department of Economics and the Department of Statistics and Data Science, the programme offers a comprehensive education that combines academic rigor with practical, industry-driven knowledge.



CAREER OPPORTUNITIES

Our graduates are commonly sought-after by the Banking and Finance industry. Most of them work in asset management firms, commercial banks, family offices, consultancy firms, investment banks, insurance companies, etc. both local and overseas, and in the capacities of Credit Analysts, Investment Analysts, Financial Analysts, Quant Researchers, Quant Traders, Quantitative Analysts, etc. Some choose to pursue advanced studies while others become aspiring entrepreneurs.



PROGRAMME STRUCTURE AND CANDIDATURE

The programme is designed for students with a strong background in the mathematical sciences who wish to enhance their professional skills and qualifications in quantitative finance at a postgraduate level. This programme is a 40-unit programme that consists of five essential courses and five elective courses. Each course generally requires 3 hours of lectures per week for 13 weeks. A student who enrolls full-time in the programme can complete it within 1 to 2 years while a part-time student may take 2 to 4 years for completion.

For more information about the programme, please refer to: <https://www.math.nus.edu.sg/pg/mqf/>



ADMISSION REQUIREMENTS

- A Bachelor's (Honours) degree or a 4-year Bachelor's degree;
- A candidate whose medium of undergraduate instruction is not English is required to submit TOEFL (with the minimum score of 85 for the internet-based test) or IELTS (with the minimum score of 6.0)



TO APPLY

- Tuition fees per programme:
Singapore Dollar 58,860 (inclusive of 9% GST)
- Online via <https://gradapp.nus.edu.sg/apply>
- Early admission application period (August 2026 Intake):
16 May 2025 to 15 July 2025
- Regular admission application period (August 2026 Intake):
1 October 2025 to 31 January 2026



TESTIMONIALS

“As a foreign student in the NUS Quantitative Finance programme, I am grateful for the diverse, international environment that enhances my learning experience. The programme is taught by a distinguished faculty, whose expertise and guidance help me navigate complex financial concepts with ease. The rigorous curriculum challenges me to apply mathematical and statistical techniques in practical settings. Additionally, Singapore's position as a global financial hub allows me to gain invaluable exposure to the finance industry, providing ample networking and career opportunities. Studying here has been a transformative experience, equipping me with both knowledge and industry connections for the future.”

- Shawn Edward Cavazos Jr, Current Student

“The NUS Master of Science in Quantitative Finance programme greatly impacted my educational and career path. It pushed me to master complex financial concepts and advanced quantitative techniques, strengthening my foundation in finance. The rigorous coursework and challenging projects enhanced my critical thinking skills, allowing me to approach problems analytically and strategically. This experience also boosted my confidence in navigating the financial industry, equipping me with the knowledge and skills needed to excel in quantitative roles. Overall, the programme inspired me to pursue a dynamic career at the intersection of finance and quantitative analysis.”

- Jermyn Shie Jia Min, 2024 Alum

