

# MASTER OF SCIENCE IN QUANTITATIVE FINANCE



## 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 Quantitative Finance is designed to provide advanced training in quantitative finance. Graduates of the programme are expected to acquire advanced knowledge in quantitative finance which will enable them to meet the growing demands by the financial sector for professionals with in-depth knowledge in quantitative finance.



## FACULTY

The Programme is offered by the Department of Mathematics (DM) with the cooperation of the Department of Economics (DE) and the Department of Statistics and Data Science (DSDS). Elective courses offered by the DE and DSDS provide students the opportunity to broaden and deepen their understanding of the background and implications of the use of quantitative methods in the financial industry. The Programme has also invited senior practitioners in the relevant fields to teach and share their first-hand industry 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, consultancy firms, investment banks, insurance companies, etc. both local and overseas, and in the capacities of Credit Analysts, Investment Analysts, Financial Analysts, Quant Researcher, Quant Trader, Quantitative Analyst, etc. Some choose to pursue advanced studies while some 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.



## 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 85 for the internet-based test) or IELTS (with the minimum score 6.0).



## TO APPLY

- Tuition fees per programme: Singapore Dollar 55,590 (inclusive of 9% GST)
- Online via NUS Graduate School: [gradapp.nus.edu.sg/apply](http://gradapp.nus.edu.sg/apply)
- Early admission applications are open from 16 May 2024 to 15 July 2024 for the August 2025 intake
- Regular admission applications are open from 1 October 2024 to 31 January 2025 for the August 2025 intake

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

