postgraduate coursework programs in
financial mathematics

With capital markets and financial risk management becoming more quantitatively and computationally sophisticated, Financial Mathematics graduates are highly sought.

The University of Queensland’s masters program in Financial Mathematics has been designed to meet industry demand for skilled practitioners. They will prepare you for a career in banking, insurance, investment, utilities and mining, and in an increasingly broad range of industries in which aspects of contemporary financial markets – such as international exchange rates, futures contracts and options – play a significant role.

The program is tailored to build upon your background in mathematics, commerce or economics/econometrics, while developing essential skills in quantitative and computational analysis, mathematical modelling and stochastic processes.

You will graduate with a thorough understanding of the financial mathematics field and the skills for managing investment portfolios, developing financial products and pricing, and analysing business risk.

Equip yourself for a rewarding career in one of the fastest growing segments of the financial industry, or for entry into a higher research degree in financial mathematics.

UQ Advantage
This program has been developed in response to industry demands, which means you will graduate with specialist skills and knowledge required for this rapidly developing field.

www.uq.edu.au/study
Career opportunities

Financial Mathematics graduates are highly sought after by investment banks, corporate risk management units, insurance companies, fund management institutions, financial regulatory bodies, brokerage firms and trading companies.

Career opportunities include:
- Investment banking
- Retail banking
- Insurance and actuarial
- Risk management in the electricity and mining sectors
- Funds management.

Entry requirements

Bachelor degree in Mathematics, Business, Commerce, Economics, Finance that covers relevant first year university level mathematics, or Bachelor degree in an approved discipline with a significant mathematics component.

English Proficiency: IELTS overall 6.5; reading 6; writing 6; speaking 6; listening 6. Internet based TOEFL results are considered on a case by case basis.

Program structure

#24 Master of Financial Mathematics program

24 units from the MFinMath list comprising – for those students entering with a Mathematics background:

Part A – 8 units
Part C – 8 units
Part D – 4 units
Part E – 4 units

OR

#32 Master of Financial Mathematics program

For those students entering with a Business/Commerce/Economics/Finance background:

32 units from the MFinMath list comprising:

Part A – 8 units
Part C – 8 units
Part D – 8 units
Part E – 8 units

How to apply

International applicants

Information about application procedures for international students can be found at www.uq.edu.au/international-students/application-instructions

Domestic applicants

Complete the online application form at www.uq.edu.au/study

Time of publication: Every effort has been made to ensure the accuracy of information in this document at the time of publication. The authoritative source of program and course information is the UQ Courses and Programs website at uq.edu.au/study. Where any conflict of information exists, the rules and associated course lists approved by the UQ Senate shall apply.

Nok Man (Gloria) Cheng
Postgraduate Coursework in Financial Mathematics graduate

“With more emphasis on quantitative analysis in the finance industry, financial mathematics is a fast growing area. I chose to study the Master of Financial Mathematics to increase my practical knowledge of mathematical theory and financial modelling and enhance my employment prospects.

UQ is one of the top universities in the world that offers a program specially tailored for financial mathematics. With international recognition and excellent teaching quality, it provided a great learning environment.

The curriculum offered by UQ is very comprehensive, flexible, and well-designed for students from different backgrounds. The program provided specialised mathematical knowledge and quantitative skills and I was exposed to real world financial problems using quantitative methods which has increased my employability in the finance industry.”

Nok Man (Gloria) Cheng
Postgraduate Coursework in Financial Mathematics graduate

Enquiries – International applicants

W: uq.edu.au/international-students/enquire-online
E: study@uq.edu.au  P: +61 3 8676 7004

Enquiries – Australian students

E: science.enquiries@uq.edu.au  P: 07 3365 1888

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