

RISK AND INVESTMENT MANAGEMENT (MSC)

ENTRANCE REQUIREMENTS

Normally a 2.1 Honours degree or equivalent qualification acceptable to the University in Mathematics, Accountancy, Finance, Economics or other relevant quantitative subject. Science and Engineering disciplines will be considered where there is a significant mathematical component.

We welcome applications from a diverse range of applicants so will also consider previous work experience alongside academic qualifications. Prior experiential learning in Quantitative Analysis, Maths or Finance in lieu of academic qualifications will be considered on an individual basis.

INTERNATIONAL QUALIFICATIONS

For information on international qualification equivalents, please see: go.qub.ac.uk/YourCountry

ADDITIONAL INFORMATION FOR INTERNATIONAL STUDENTS

International students wishing to apply to Queen's University Belfast (and for whom English is not their first language), must be able to demonstrate their proficiency in English in order to benefit fully from their course of study or research. Non-EEA nationals must also satisfy UK Visas and Immigration (UKVI) immigration requirements for English language for visa purposes.

Evidence of an IELTS* score of 6.5, with not less than 5.5 in any component, or an equivalent qualification acceptable to the University is required.

*Taken within the last 2 years.

For more information on English language requirements for EEA and non-EEA nationals see: go.qub.ac.uk/EnglishLanguageReqs

If you need to improve your English language skills before your study, our partner INTO Queen's University Belfast offers a range of English language courses: www.intohigher.com/qub

FEES AND FUNDING

Northern Ireland (NI): £6,900
England, Scotland or Wales (GB): £6,900
Other (Non-UK/EU): £6,900
International: £19,900

For fees and funding information please see: Fees: gub.ac.uk/TuitionFees
Funding: go.qub.ac.uk/qubpgfunding

PLACES

50

DURATION

1 year full-time

TEACHING TIMES

Morning/Afternoon

OVERVIEW

Why is this subject for you?

- You have an interest in how risks impact business and how finance can alleviate those risks.
- You want a career in areas such as corporate risk, compliance, consultancy, or academia.
- You want exemptions from the Professional Risk Manager (PRM) exams.

Studying risk and investment management looks at how organisations and investors should understand, evaluate and address relevant risks to maximise the chances of their objectives being achieved.

The programme equips students with the cutting-edge risk management tools and strategies used by leading financial firms and regulatory bodies, through specialised modules such as credit risk management and enterprise risk management. The program also equips students with the skills necessary to launch a career in finance through more general modules such as asset pricing and corporate finance.

CONTENT

The programme consists of eight compulsory modules and a dissertation or work-based research project.

Semester 1 (CATS)

- **Asset Pricing (15)** *Explore a modern investors perspective where markets are dynamic and biases are prevalent.*
- **Corporate Finance (15)** *Topics include Appraisal, Corporate Governance, Merger and Acquisition.*
- **Financial Regulation and Risk Management (15)** *Examine risks that institutions must take if they are to survive and prosper including market risk, credit risk, liquidity risk and operational risk*
- **Research Methods in Finance (15)** *Introduces the applied econometric techniques for contemporary financial data problems via the R programming language.*

Semester 2 (CATS)

- **Credit Risk Management (15)** *Profile the development of credit culture, explore techniques used to quantify credit risk and understand basic credit derivatives and securitised credit.*
- **Derivatives (15)** *Covers widely used derivative products stressing pricing and uses for financial engineering and risk management for example interest rate derivatives or volatility.*
- **Enterprise Risk Management and Risk Analytics (15)** *Understand the management of risk at enterprise level, examining how companies are addressing all their key risks on a consistent integrated basis.*
- **Time-Series Financial Econometrics (15)** *Conceptual and applied understanding of statistical modeling of financial data dynamics using R programming.*

Semester 3

- **Dissertation (60 CAT points)** or
- **Applied Research Project (60 CAT points)**

Modules are subject to change.

ASSESSMENT

Assessment is by a variety of methods, including individual coursework, group work, oral presentations, simulations, case studies, class tests, examinations and dissertation or applied research project.

CAREERS

Risk management is currently, and will continue to be, a hotspot for graduate recruitment. As many financial firms are substantially expanding their risk management functions, this Master's degree is likely to open a wide range of new and exciting career opportunities.

After graduation there is a wide variety of roles available for our students, some of which will suit those with mathematical skills who wish to utilise cutting-edge quantitative modelling techniques and work in collaboration with traders to develop bespoke financial products. Other roles involve portfolio and product risk management or monitoring firmwide business risks either in-house or as part of an external regulatory team. Graduates from this degree have quickly secured high-quality posts, most of which are in risk management functions.

The following are examples of employers:

- Allstate Insurance
- Apollo Aviation Management
- Aviva Insurance

- Bank of America
- Bank of China
- BlackRock Asset Management
- BskyB
- Caribbean Development Bank
- Celerion
- Central Bank, Ireland
- CitiGroup
- Danske Bank
- Dow Chemical Company
- Ernst and Young
- Financial Conduct Authority (UK)
- First Derivatives
- Global Financial Consultants, Singapore
- Lloyds Banking Group
- Mercer Plc
- New York Stock Exchange
- Permanent TSB
- Powergen, UK
- PwC UK
- Royal Bank of Scotland
- Single Electricity Market
- Towers Watson, London
- WR Berkley Insurance Europe

WHY QUEEN'S?

Trading Room

Certain classes are held in the Trading Room. Students have access to Bloomberg software, a market leader in financial news, data and analytics, which is used by many financial institutions. The Trading Room allows for an interactive and exciting learning environment which brings textbook theory to life.

Software

Students will use and have access to software such as R, Excel, Matlab, and databases such as Thomson One Banker, DataStream and Bloomberg.

Accreditation

This course has an academic partnership with GARP (Global Association of Risk Professionals), helping prepare students for the Financial Risk Manager (FRM) examinations. This course is part of the PRMIA (The Professional Risk Managers' International Association) Risk Accreditation Program, giving students exemptions from Professional Risk Manager (PRM) exams I and II.

Guest speakers

Students have the opportunity to hear from industry professionals who regularly deliver guest lectures. Students have the opportunity to network afterwards.

Student Managed Fund (SMF)

Students are invited to join the Student Managed Fund where they will have a unique opportunity to manage a real money investment portfolio of £30,000. Queen's Management School is one of only a handful of universities in the UK and Ireland to offer this experience which is a game changer when it comes to graduate employability.

Queen's Management School is committed to the continuous improvement and enhancement of all of its degree programmes. New modules may be developed and included to replace or enhance those which are mentioned here.

“The modules taught on the programme provide varied and comprehensive insights into both investment and risk management. The degree also offers professional accreditation and prepares us extremely well for a career in finance.”

Tripti Sharma,
MSc Risk and Investment Management

APPLY NOW

go.qub.ac.uk/pgapply

CONTACT

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