



University College Dublin
College of Business and Law



Why UCD?

- Top 2% World University
- Ireland's largest and most international university
- Emphasis on Research and Innovation
- Safe, modern campus in Dublin, capital city of Ireland
- Extensive accommodation options with 24 hour security
- 1 hr flight from London

MSc in Quantitative Finance

Why is this course for me?

The MSc in Quantitative Finance is ideal for people who have majored in mathematical finance or economics and trains you to use your quantitative talents to the full. However, we try to accommodate people from diverse professional backgrounds who are attracted to the programme. If you have a degree in mathematics, statistics, physics and engineering, the MSc in Quantitative Finance could be for you. We also encourage commerce graduates who have the disposition and natural talent for a mathematically rigorous training in finance.

The MSc in Quantitative Finance is a balanced programme of finance and computational methods, which will suit numerate, competitive students looking for careers in finance that stretch their quantitative talents.

UCD College of Business and Law

UCD Michael Smurfit Graduate Business School is one of an elite group of schools worldwide to achieve the Triple Crown of Accreditation from EQUIS, AACSB and AMBA and we are the only Irish member of CEMS, which is a global alliance of leading business schools and organisations. Accreditations are your guarantee that you will receive a top quality, world class MBA and they position our school, and more importantly our students, in the minds of the international business community.

A Financial Times survey ranked UCD Smurfit School as the leading business school in Ireland and 14th in Europe. The School's academics hold the highest qualifications from the world's leading universities and this together with their business experience enables them to create a stimulating environment both in teaching and research.

[For full programme details see](#)

<http://www.smurfitschool.ie/mastersprogrammes/accountingandfinance/mscinquantitativefinance/#den.35043>

[To seek further information](#) Please contact us at smurfit.admissions@ucd.ie



What will I study?

The curriculum gives you the knowledge and skills to develop quantitative security pricing models and trading strategies for managing portfolios of equity, fixed income and derivative securities and for managing corporate financial risk.

The programme provides you with a comprehensive understanding of the major financial theories and how they impact on the practise of finance. You will learn how to implement financial models using various programming languages and how to critically evaluate the ability of these models.

The programme also aims to provide you with the ability to carry out independent research on the uses of financial models, their implementation and their limitations.

The MSc in Quantitative Finance will prepare you for a specialist career in the finance industry in functions like funds management, investment banking, financial engineering and corporate treasury management.

“Having studied Engineering beforehand I was worried that the MSc in Quant Finance would be inaccessible but the course was designed in such a way as to give me a firm grounding and understanding in both areas of computational and theoretical finance. Without doubt, this course placed me in a desirable position when it came to seeking employment. What sets the MSc in Quant Finance apart is the strong collegial link between graduates of this program.”

Feargal Deery (CFA), MSc QF 2006 Fixed
Income Quantitative Research
Analyst/Portfolio Manager, Pioneer
Investments.

Career Opportunities

Career options for MSc in Quantitative Finance graduates include funds management, investment banking, risk management, financial engineering and corporate treasury management.

Our graduates are employed in companies, such as:

Goldman Sachs, JP Morgan, Morgan Stanley, Merrill Lynch, Credit Suisse First Boston, UBS Warburg, Pioneer Investments, Susquehanna, Murex, BIO Asset Management, AIB.