

Department of Economics.

The Department of Economics has an international reputation for practical and real-world economics. Its lecturers care passionately about their subject and they include top economic experts in their field. Sheffield economists advise UK government departments such as the Department for Work and Pensions, the Department for Education and the Low Pay Commission.

Management School.

Sheffield University Management School is a leading business school with Triple Crown accreditation and has a world-class reputation for high quality teaching. It has a fully-equipped financial trading room, built around Bloomberg and Refinitiv Eikon. These terminals are used by traders, banks and multinational companies to trade financial securities, gain market insights and undertake research.

Placement Year.

You can apply to do a placement year as part of your degree after you've joined the University. You'll pay reduced fees for the year you're on placement, and can earn a salary throughout the placement year.

Organisations where Sheffield maths students have done placements include:

- Goldman Sachs
- HSBC
- Unilever

Study abroad.

If you want to study abroad as part of your degree, you can apply to spend time in destinations including Australia, Canada, Europe, Hong Kong, New Zealand, Singapore and the USA after you've joined the University.

Universities that Sheffield maths students have gone to include:

- National University of Singapore
- University of Queensland, Australia
- University of Texas at Austin, USA
- University of Waterloo, Ontario, Canada

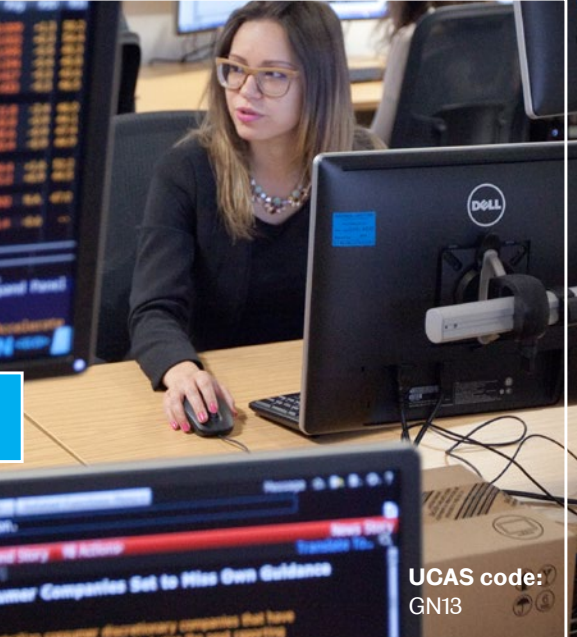
Be Sheffield Made.

The information given here is based on the current academic year and plans we're making for future years of study. There may be some changes before you start your course. For the latest information, visit our website.

www.sheffield.ac.uk/maths
www.youtube.com/sciencesheffield



Your Financial Mathematics course.



UCAS code:
GN13

From the start of your degree, you'll take specialist finance modules by taking either an economics pathway with the Department of Economics or a management pathway with Sheffield University Management School.

Your maths modules are led by your home department, the School of Mathematics and Statistics. The core modules at the start of your degree open up a huge range of options in level three.

Level one.

Maths modules – all core:

- Computing and Analysis
- Mathematics Core
- Probability and Data Science

Economics pathway:

- Economic Analysis and Policy

Management pathway:

- Foundations in Financial Management
- Introduction to Financial Accounting

Level two.

Core maths modules:

- Mathematics Core II
- Statistical Inference and Modelling
- Stochastic Modelling

Optional maths modules:

- Analysis
- Analysis and Algebra
- Mathematics and Statistics in Action
- Scientific Computing and Simulation

Economics pathway – two from:

- Econometrics
- Intermediate Macroeconomics
- Intermediate Microeconomics

Management pathway:

- Financial Management
- Introduction to Corporate Finance and Asset Pricing

Level three.

Core maths modules:

- Financial Mathematics
- Stochastic Processes and Finance
- Time Series

Optional maths modules:

- Bayesian Statistics
- Codes and Cryptography
- Combinatorics
- Complex Analysis
- Game Theory
- Generalised Linear Models

- Graph Theory
- Machine Learning
- Medical Statistics
- Metric Spaces
- Probability and Measure
- Probability with Random Graphs
- Sampling Theory and Design of Experiments
- Skills Development in Mathematics
- Topics in Number Theory

Economics pathway – two from:

- Advanced Macroeconomics
- Advanced Microeconomics
- Further Econometrics
- Modern Finance

Management pathway – two from:

- Corporate Finance
- Modern Finance
- Financial Derivatives

