Placement Year.

If you do a Placement Year course, you spend a year working at a leading organisation. You'll pay reduced fees for the year you're on placement, and earn a salary.

Organisations where maths students have done their placements include:

- Department for Work and Pensions
- 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.

Accredited University | ROYAL STATISTICAL SOCIETY
DATA / EVIDENCE / DECISIONS

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

The University Of Sheffield.

Your Mathematics and Statistics course.

UCAS codes:
G110 / G112 / GG13 / GG14

You'll spend the first years of your degree building up a solid foundation in maths and developing key statistical skills. Once you've covered the essentials, you'll learn about advanced statistical tools and techniques, and have a huge range of options. From level two, there are also opportunities to take modules from other departments that aren't listed here.

MMath students spend a large part of their final year working on a research project to solve a complex research question.

Level one.

Core modules:
- Foundations of Pure Mathematics
- Mathematics Core
- Mathematical Investigation Skills
- Mathematical Modelling
- Probability and Data Science

Level two.

Core modules:
- Mathematics Core II
- Differential Equations
- Scientific Computing and Simulation
- Statistical Inference and Modelling
- Stochastic Modelling

Optional modules:
- Analysis and Algebra
- Group Theory
- Mathematics and Statistics in Action
- Vector Calculus and Dynamics

Level three.

Core modules:
- Bayesian Statistics[*]
- Generalised Linear Models[*]
- Machine Learning[*]
- Medical Statistics
- Skills Development in Mathematics
- Sampling Theory and Design of Experiments
- Time Series

[*]These modules are core for BSc students only. MMath students study these topics in level four.

Optional modules:
- Codes and Cryptography
- Combinatorics
- Complex Analysis
- Financial Mathematics
- Game Theory
- Graph Theory
- Introduction to Relativity
- Machine Learning
- Mathematical Modelling of Natural Systems
- Metric Spaces
- Probability and Measure
- Probability and Random Graphs
- Quantum Theory
- Stochastic Processes and Finance
- Topics in Mathematical Biology
- Topics in Number Theory
- Undergraduate Ambassadors Scheme

Level four (MMath only).

Core modules:
- Project in Mathematics
- Bayesian Statistics and Computational Methods
- Generalised Linear Models
- Machine Learning

Optional modules:
- Advanced Particle Physics
- Advanced Quantum Mechanics
- Financial Mathematics
- Functional Analysis
- Further Topics in Mathematical Biology
- Probability and Random Graphs
- Probability with Measure
- Topics in Mathematical Physics
- Topics in Number Theory