

## Mathematics

University of Edinburgh

### Venues

King's Buildings Campus

### Content

#### Year 1

You will take the compulsory courses Linear Algebra, Calculus and Proofs & Problem-Solving. These are common to all our programmes and will take up half of your timetable. In them you will build on your knowledge of pure mathematics in a formal way and be introduced to the ways of mathematical thinking required at university level.

You will also take courses in your chosen arts subject. You will be able to get support from MathsBase, our popular walk-in help centre and from our Student Learning Advisor.

#### Year 2

You will spend between half and two thirds of your time on mathematics and will continue to study your chosen arts subject.

You will take compulsory courses in pure mathematics, extending your knowledge of calculus, probability and analysis, and will be introduced to the abstract ideas of group theory. Other topics include statistics and applied mathematics.

From this year onwards you can use the Maths Hub, our student-run facility that is both a social centre and a work space.

#### Year 3

You will focus on the main subjects of your programme. You will receive an excellent grounding in advanced mathematics, preparing you for the options available later in your programme.

#### Year 4

You will have a wide range of mathematics courses to choose from and you can follow a programme that suits your particular interests and career aspirations. We offer a large selection of courses in pure and applied mathematics, statistics and operational research.

You can take options in areas such as mathematical education, financial mathematics and mathematical biology. Current course titles include Fundamentals of Optimization, Algebraic Geometry and Multivariate Data Analysis. You will have the opportunity to complete a project that will allow you to research a topic in depth.

### Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

MA Hons

## UCAS Code

G102

## Course Length

4 years

## Faculty

College of Science and Engineering

## Department

Mathematics

## Entry Requirements

2025 entry requirements

Standard entry:

5 Highers at AAAAA (by end of S5 preferred) including Maths at A plus English at National 5. Advanced Higher Maths highly recommended.

Widening Access entry:

4 Highers at AABB (by end of S6) (BBB must be achieved in one sitting S4-S6) including Maths at A plus English at National 5. Advanced Higher Maths highly recommended.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Old College  
South Bridge  
Edinburgh  
City of Edinburgh  
EH8 9YL

## Website

[www.ed.ac.uk](http://www.ed.ac.uk)