Mathematics

University of Edinburgh

Venues

King's Buildings Campus

Content

This MMath Mathematics programme is a challenging five-year programme that takes you to masters level. It is designed for those who want to study in more depth, or who might want to use advanced mathematics in their careers or in research. You can choose to specialise in a particular aspect of mathematics or study courses from across the broad range offered by the school.

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.

They will allow you to build on your knowledge of pure mathematics and will introduce you to the more rigorous ways of mathematical thinking required at university level.

You will also take courses in subjects other than mathematics.

You will receive support from MathsBase, the popular walk-in help centre, and from the Student Learning Advisor.

Year 2
You will spend between half and two thirds of your time on mathematics.

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, the 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. There is 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.

Year 5
During this year you will take courses at masters level. You will also complete a substantial project.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MMath

UCAS Code

G101

Course Length

5 years

Faculty

College of Science and Engineering

Department

Mathematics

Entry Requirements

2027 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.

Direct entry to year 2 is possible with 3 Advanced Highers at AAA including Maths plus the above. A science subject is 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

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Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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