

## Mathematics and Music

University of Edinburgh

### Venues

King's Buildings Campus

### Content

On this joint honours programme, you will study elements of mathematics and music and explore the historical connection between these two disciplines. You will split your time evenly between the two subjects over the entire programme.

Year 1:

You will take the core courses Linear Algebra, Calculus and Proofs and Problem-Solving. These are common to all our degree programmes and will take up half of your timetable. You will build on your knowledge of pure mathematics in a formal way and be introduced to the ways of thinking required at university level. You will also take courses in subjects other than mathematics. You will be able to get support from Maths Base, our popular walk-in help centre.

Year 2:

You will spend between half and two thirds of your time on mathematics, depending on your degree programme. You will take core courses in pure mathematics, extending your knowledge of calculus and analysis, and be introduced to the abstract ideas of group theory. In most programmes you will also take courses in statistics, probability, computing and applied mathematics. From this year onwards you can use the Mathematics Hub, our student-run facility that is both a social centre and work space.

Year 3:

You will focus on the main subjects of your degree. You will receive an excellent grounding in advanced mathematics, which will prepare you to study courses from the wide selection on offer in the following year or years.

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. A large selection of courses in pure and applied mathematics and statistics is available, as well as options in areas such as mathematical education, financial mathematics, mathematical biology and operational research.

Current course titles include Algebraic Coding Theory, Topology and Non-Linear Optimization. You will have the opportunity to complete a group project in which you will research a topic in depth.

### Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

BSc Hons

## UCAS Code

GW13

## Course Length

4 years

## Faculty

College of Science and Engineering

## Department

Mathematics

## Entry Requirements

2026 entry requirements

Standard entry:

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

Widening access entry:

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

## 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)