

## Mathematics

Heriot-Watt University

### Venues

Edinburgh Campus

### Content

First Year: The core material includes Algebra, Calculus, Applied Mathematics, Statistics and the use of computer packages. First Year: has been designed to allow the transition from school to university - students take appropriate groupings of the above subjects together with an elective.

Second Year: The Level 2 work is consolidated and extended in both pure and applied mathematics. A choice between optional courses in computer science and probability and statistics is available.

Third Year: A combination of core and optional courses develops mathematical skills and knowledge and introduces the ideas used at the forefront of modern mathematics. Subjects include: analysis, abstract algebra, discrete mathematics, numerical analysis, and ordinary differential equations. A project preparation and skills course offers useful transferable skills.

Fourth Year: Further exploration and specialisation is possible with options related to our research expertise including functional analysis, optimisation, differential geometry, mathematical biology and a choice of other courses in both pure and applied mathematics. A final year project also builds on the Level 3 project preparation course.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

### UCAS Code

G100

### Course Length

4 years

## Faculty

School of Mathematical and Computer Sciences

## Department

Mathematics

## Entry Requirements

2025 entry requirements

Standard entry: 5 Highers at ABBBB including Maths at A plus English at National 5.

Widening access entry: 4 Highers at BBBC including Maths at B plus English at National 5.

For entry to Level 2 you would require 3 Advanced Highers at ABB including Maths at A plus Highers at ABBBB.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Edinburgh  
EH14 4AS

## Website

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