Mathematics with Computer Science

Heriot-Watt University

Venues

Edinburgh Campus

Content

The mathematics content is identical to that of the BSc in Mathematics. Two courses in software development in computer science introduce key ideas in programming.

Work in mathematics extends in both applied and pure mathematics. In computer science, software design and programming languages are core courses.

Topics develop mathematical skills and knowledge, and introduce ideas used at the forefront of modern mathematics. The computer science material includes theory of computing and programming language semantics.

Further exploration and specialisation in advanced mathematics is possible with options related to our research expertise, together with computer science options in rigorous methods for software engineering and artificial intelligence and intelligent agents. Students will complete a mathematical project.

More in-depth information on the content of the courses listed above, how they are assessed and the learning outcomes can be accessed via our current student portal.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G1G4

Course Length

3 - 4 years

Faculty

Science, Technology, Engineering and Mathematics (STEM)

Department

Mathematics

Entry Requirements

2027 entry requirements

5 Highers at ABBBB (Standard entry) or BBBC (Widening access entry) including Maths plus English at National 5.

For entry to year 2 you would require 3 Advanced Highers at ABB including Maths and Computing Science plus above.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk