

Mathematics with Finance

Heriot-Watt University

Venues

Edinburgh Campus

Content

This popular course meets the high demand for mathematically trained graduates who are aware of the operation of international finance, investment and capital markets, and able to combine expertise in these areas. The course combines courses in mathematics from a foundation level up to the edge of current research with courses in all the key areas of modern finance. Graduates will be able to contribute at the highest level to financial analysis and decision making.

Year 1: Has been designed to ease the transition from school to university You will take courses in calculus and algebra which continue the study of these subjects already studied in school while also taking courses introducing statistics and finance.

Year 2: You will continue your study of calculus and algebra, taking courses in multivariable calculus and real analysis and linear algebra. In addition you will start the study of financial mathematics and numerical analysis.

Year 3: You will study abstract algebra, ordinary differential equations and complex analysis. As well as these subjects, you will study international bond and currency markets, financial derivatives and have a choice of courses in pure and applied mathematics and numerical analysis.

Year 4: You will study securities and derivatives as well as having a wide choice of courses in both pure and applied mathematics.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G1N3

Course Length

3 - 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