

## Actuarial Science

Heriot-Watt University

### Venues

Edinburgh Campus

### Content

The Actuarial Science degree is ideal if you're interested in maths and looking for a course that offers a rewarding career – both intellectually and financially. As 30% of teaching staff are qualified actuaries, this degree also offers current teaching that's always applicable to the real workplace and current economy. There are also opportunities for industry placements and an exchange year in Canada or Australia.

#### Year 1

Introduction to Statistical Science; Calculus; Algebra; Professional Development Planning; Finance; Economics and practical work.

#### Year 2

Probability and Statistics; Actuarial and Financial Mathematics; Linear Algebra; Real Analysis; Multivariate Calculus; Introduction to Numerical Methods and practical work.

#### Year 3

Financial Mathematics; Survival Models; Portfolio Theory; Life Insurance Mathematics; Applied Statistics; Stochastic Processes and a project.

#### Year 4

Risk Theory; Risk Management; Pension Funds; Life Office Practice; Financial Economics; Bayesian Inference and other statistical topics.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

### UCAS Code

GG13

## Course Length

3 - 4 years

## Faculty

School of Mathematical and Computer Sciences

## Department

Actuarial Mathematics and Statistics

## Entry Requirements

2023 entry requirements:

Standard entry: 4 Highers at AAAB including Maths at A plus English at National 5.

Widening access entry: 4 Highers at ABBC including Maths at A plus English at National 5.

For entry to year 2 you would require 3 Advanced Highers at AAB including Maths at A plus Highers at AAAB.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Edinburgh  
EH14 4AS

## Website

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