

Computer Science (Data Science)

Heriot-Watt University

Venues

Edinburgh Campus

Content

The BSc Computer Science (Data Science) degree focuses on constructing robust and useable systems. As well as looking at cutting edge tools and techniques, it's designed to help you build the next generation of software tools that other system constructors will use. The course aims to give a well integrated balance of theoretical underpinnings and practical experience, strongly informed by the research expertise of our academic staff.

In the later years of the course, you'll have the option to specialise and develop the skills needed to be a data scientist. Specifically, you will have the ability to develop and perform large-scale, repeatable data analyses grounded in statistical modelling. The term data science is often used interchangeably with big data or data analytics. It is becoming increasingly important as huge amounts of complex academic, business and government data are being generated from many largely online sources. This swelling lake of data needs increasing numbers of skilled personnel with the capacity to analyse and make sense of it all. That in turn requires that such personnel be trained in the latest skills and techniques in data science.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G450

Course Length

4 years

Faculty

School of Mathematical and Computer Sciences

Department

Computer Science

Entry Requirements

2025 entry requirements:

Standard entry: 4 Highers at ABBB including Maths 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 BBB including Maths and Computing Science plus Highers at ABBB. You are expected to be proficient in a programming language, with Java preferred.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk