

Computer Science (Data Science)

Heriot-Watt University

Venues

Edinburgh Campus

Content

First Year: Students will cover programming, an introduction to computer systems, databases and discrete mathematics.

Second Year: Students will continue with software design - both high-level architectural issues as well as algorithms and data structures. Topics from databases, Internet, communications and mobility, mathematics and programming language design will also be covered.

Third Year: Students will study topics such as AI, graphics, operating systems as well as more formal aspects of computing. They will also undertake a group project.

Fourth Year: Students will study advanced topics as well as undertake a major individual project.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G450

Course Length

3 - 4 years

Faculty

School of Mathematical and Computer Sciences

Department

Computer Science

Entry Requirements

2020 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

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk