Computer Science

University of Edinburgh

Venues

King's Buildings Campus

Content

Year 1
You will be introduced to basic principles of programming and computation. You will learn how information can be represented and processed in computer systems, as well as fundamental techniques to manage data and solve problems using computer programs. The year also includes courses in mathematics necessary for all areas of informatics. Together these form the foundations of more in-depth study of computation in future years. You can choose option courses from various schools across the University.

Year 2
You will build on Year 1, covering more advanced programming and data structures, together with related mathematics. Courses offered will develop greater understanding of software development, decision making, learning from data, and the internals of computers or computer systems. Option courses are available from various schools across the University.

Year 3
Your studies will become more focused and you will have more choices in selecting specialised courses, according to your own interests, from a range of options specific to computer science as well as other courses in informatics. Coursework assignments typically provide you with experience in practical work, independent problem solving, and group work. Your exact curriculum depends on your selected courses. Options offered in recent years include courses in software testing, robotics, computer security, machine learning, operating systems, computer networks, and around 10 others.

Year 4
You will choose from a large number of advanced course options to build a particular portfolio or expertise of your interest. This includes an individual honours project where you will learn to develop a viable project starting from a given topic. You will have a variety of choices when selecting your project and a supervisor to guide you.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

G401

Course Length

4 years

Faculty

College of Science and Engineering

Department

Informatics

Entry Requirements

2027 entry requirements

Standard entry:
5 Highers at AAAAA (by end of S5 preferred) including Maths plus English at National 5. Advanced Higher Maths highly recommended.

Widening Access entry:
4 Highers at AABB (two sittings) including Maths at A plus English at National 5. Advanced Higher Maths highly recommended. BBB must be achieved in one sitting.

SCQF Level

10

SCQF Points

«SCQFPoints»

Progression Routes

Degrees are accredited the UK Engineering Council by the British Computer Society

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Old College
South Bridge
Edinburgh

City of Edinburgh
EH8 9YL

Website

www.ed.ac.uk