

Cognitive Science

University of Edinburgh

Venues

King's Buildings Campus

Content

Year 1

You will be introduced to basic principles of programming, computation and cognitive science, with courses in informatics and a choice of courses from psychology, philosophy and language sciences. You will learn how information can be represented and processed in computational systems, whether artificial (computers) or natural (humans). The year also includes courses in mathematics necessary for all areas of cognitive science. Together these form the foundations of more in-depth study of computation and cognition in future years.

Year 2

You will build on Year 1, covering more advanced computational and mathematical methods such as programming and data structures, working with data and statistics, and studying foundations of artificial intelligence. You will also develop further expertise in your chosen area of psychology, philosophy, or language sciences through a range of course options.

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 in cognitive science. Coursework assignments typically provide you with experience in practical work and independent problem solving, and may involve group work or essay writing. Your exact curriculum depends on your selected courses. Options offered in recent years include courses in computational cognitive science, robotics, language processing, and machine learning, from the School of Informatics, as well as many course options from the School of Philosophy, Psychology & Language Sciences.

Year 4

You will choose from a large number of advanced course options in cognitive science to build a portfolio according to your interests. Year 4 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 in selecting your project and a supervisor to guide you.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

C859

Course Length

4 years

Faculty

College of Science and Engineering

Department

Informatics

Entry Requirements

2023 entry requirements

Standard entry:

4 Highers at AAAB (minimum) but typically 5 Highers at AAAAA (by end of S5 preferred) including Maths at A plus English at National 5. Advanced Higher Maths highly recommended.

Widening Access entry:

4 Highers at AABB (by end of S6) (BBB must be achieved in one sitting S4-S6) including Maths at A plus English at National. Advanced Higher Maths highly recommended.

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