

Neuroscience

University of Edinburgh

Venues

King's Buildings Campus

Content

Neuroscience is the study of the nervous system, how the brain works, and how cells interact to control behaviour. Research in neuroscience tries to better understand the structure of the nervous system, exploring how it works, develops, malfunctions, and can be manipulated.

Year 1:

The main area you will study in Year 1 is the importance of biomedical sciences to medicine and health. You will learn how biomedical science discoveries and breakthroughs have led to medical and scientific advancement.

You will take three compulsory courses covering biomedical sciences, medical biology and molecular and cellular biology.

You will also choose courses from a range of biomedical and non-biomedical options. We expect you to take at least one course in biological chemistry.

Year 2:

The theme of your second year is foundational understanding of biomedical sciences and includes essential learning applicable to biomedical disciplines.

You take two compulsory courses: Biomedical Sciences 2 and Microorganisms, Cells & Immunity 2. You will choose other courses from a range of biomedical and non-biomedical options.

Year 3:

You study the compulsory courses Biomedical Sciences 3 and Neuroscience 3, the cornerstone to the theme of developing knowledge from experiment.

You will develop key graduate attributes, such as analytical skills, communication, and research and enquiry relevant to all biomedical sciences programmes and study compulsory and optional courses to broaden your understanding of the subject.

Year 4:

The final year theme is research in practice. You study compulsory and optional courses covering cutting-edge topics that will allow you to study your chosen subject in more depth.

With individual supervisor support you will complete a major research project that involves either original laboratory-based or library-based literature research.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

B140

Course Length

4 years

Faculty

College of Medicine and Veterinary Medicine

Department

Biomedical Sciences

Entry Requirements

2026 entry requirements

Standard entry:

4 Highers at AABB (by end of S5 preferred) including Biology and Chemistry. Maths or Physics recommended plus Maths at B and English at National 5. Advanced Higher Biology and Chemistry recommended.

For entry to second year you would need Advanced Higher Biology and Chemistry at AB or BA plus the above.

Widening access entry:

4 Highers at ABBB (by end of S6) including Biology and Chemistry. Maths or Physics recommended plus Maths at B and English at National 5. Advanced Higher Biology and Chemistry recommended. Highers at BBB must be achieved in one sitting.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

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