

Medicinal and Biological Chemistry

University of Edinburgh

Venues

King's Buildings Campus

Content

Medicinal and Biological Chemistry requires a thorough understanding of molecules, their structures, properties and syntheses, but it also demands the chemical understanding of the nature of biological structures, from macromolecules to cells, the design of pharmaceutical materials in the laboratory and their function in clinical settings.

The knowledge and skills acquired in the course will leave graduates well equipped to compete for positions related to 'drug discovery' in chemical, pharmaceutical or biotechnological companies.

The degree consists of advanced lecture courses in: Synthetic Organic Chemistry; Chemical Biology; Medicinal Chemistry; Biophysical Chemistry. These are studied concurrently with a predominantly practical based course offering an introduction to research methods.

Students then proceed to a period of fulltime research project work, leading to the submission of their Masters dissertation.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

1 year

Faculty

College of Science and Engineering

Department

Chemistry

Entry Requirements

A UK 2:1 honours degree, or its international equivalent, in chemistry, or a closely related discipline, with a strong chemistry component.

A UK 2:2 honours degree, or its international equivalent, with relevant work experience and supportive references may also be considered.

SCQF Level

11

Address

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South Bridge
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Website

www.ed.ac.uk