

Biochemistry with Industrial Placement

University of Aberdeen

Venues

Old Aberdeen Campus

Content

First Year: Students take first year courses in Chemistry and Medical Sciences plus additional courses selected from science and other areas. A special course is available for those needing to strengthen their background in the essential skills required for study in science.

Second Year: There are two second year Biochemistry courses: Molecular Biology of the Gene and Energy for Life. These courses cover the organisation of genes, the mechanisms that allow their expression, and how metabolic reactions transfer energy from light or foodstuffs. Molecular aspects of biotechnology are also included. The second year curriculum includes two courses devoted to development of Foundation and Research Skills in the Life Sciences.

Third Year: Courses on the Molecular Control of Cell Function explore the mechanisms involved in controlling cell function, such as protein-protein interactions. Students gain a comprehensive understanding of the ways in which biological systems function and interact, including gene expression analysis, studies of the functions of genes and their protein products, and how the component biological processes within the cell interact and link. In addition, students take courses in Genetics or Microbiology.

Fourth Year (Honours): In your fourth year you will undertake a year's industrial placement and graduate after five years with an MSci (an undergraduate Masters degree) instead of a BSc. Placements vary considerably but in general terms, you will be placed in an industrial, commercial or research environment where you will obtain a breadth of practical experience to complement your degree programme and enhance your employability.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MSci

UCAS Code

C701

Course Length

5 years

Faculty

Life Sciences and Medicine

Department

Biological Sciences

Entry Requirements

2024 entry requirements

Standard entry:

4 Highers at AAAB (by end of S5) including 2 maths or science subjects by end of S6 plus English, Maths and Chemistry or Physics at National 5. Those with Highers at BBB by end of S5 are encouraged to apply.

For second year entry you would require the above plus 3 Advanced Highers at ABB including two maths or science subjects at AB or BA.

SCQF Level

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Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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