Physiology

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Physiology is the study of how the body works. More than any other of the biological sciences, it involves using an understanding of biological process at the most basic level to explain how a whole organ or an entire body functions. It is this integrated aspect that puts Physiology at the centre of the biological and medical sciences.

First Year: Students take level 1 courses in Chemistry and Medical Sciences, plus additional courses selected from the science programme and other areas.

Second Year: Human Physiology courses commence. Two courses cover the Physiology of Human Cells and Human Organ Systems. Parallel recommended courses include Biochemistry and Molecular Biology, combined with courses delivering key skills applicable to Physiology.

Third Year: Modules taken in the first half-session of the third year in Physiology build on the modules taken at level 2 by enhancing students' understanding of the major physiological systems within the mammalian body. Modules taken in the second half-session will provide detailed insights into specific areas of mainstream physiology, a theme that is continued into the first half-session of the Physiology fourth year.

A series of core Biomedical Science courses - Molecules, Membranes and Cells, Neuroscience and Neuropharmacology, and Integrative Neuroscience - are accompanied by specialised courses in Physiology which concentrate on the response of the human body to extreme environments, cardiovascular physiology and epithelial physiology.

Fourth Year (Honours): The options selected at level 3 are continued with advanced studies in Physiology. A large part of the Honours year is taken up with a full-time research project which may be laboratory or library based. This is where students get a feel for what a career in research is like and whether they are suited to it.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

B120

Course Length

4 years

Faculty

Life Sciences and Medicine

Department

Biological Sciences

Entry Requirements

2027 entry requirements:

Standard entry:
4 Highers at BBBB including 2 maths or science subjects plus English and Maths at National 5.

For second year entry you would require 2 Advanced Highers at AB.

Widening access entry:
3 Highers at BBC including 2 maths or science subjects plus English and Maths at National 5.

1 Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

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