

Biomedical Sciences (Developmental Biology)

University of Aberdeen

Venues

Old Aberdeen Campus

Content

In the first two years of your degree, you will gain a broad knowledge of subjects related to medical science and in scientific research methods. In addition, you will enhance your critical analysis abilities, while developing your interpersonal skills through team-working and oral/written communications.

Advanced knowledge of developmental biology will be acquired in the third and fourth years of the programme. Research in Developmental Biology is central to the search for cures for many human genetic diseases, including cancer, and is at the forefront of recent advances in modern medicine, which includes stem cell maintenance regeneration and tissue repair.

First Year: Getting Started at the University of Aberdeen; Chemistry for the Life Sciences 1; Introduction to Medical Sciences; Chemistry for the Life Sciences 2; The Cell.

Second year: Physiology of Human Cells; Molecular Biology of the Gene; Human Anatomy A; Foundation Skills for Medical Sciences; Physiology of Human Organ Systems; Energy for Life; Human Anatomy B; Research Skills for Medical Sciences.

Third Year: Human Embryonic Development; Principles of Developmental and Reproductive Biology; Embryo to Organs; Genetics; Frontiers of Molecular Medical Sciences .

Fourth Year (Honours): Advanced Molecules Membranes and Cells (Stem Cells and Regeneration); Evolution and Development; Developmental Neuroscience; Medical Sciences Honours Research Project; Medical Science Data Analysis Paper; Medical Science General Essay Paper.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

B9C1

Course Length

4 years

Faculty

Life Sciences and Medicine

Department

Biological Sciences

Entry Requirements

2025 entry requirements

Standard entry: 4 Highers at AAAB (by end of S5) including Chemistry and Maths or another science subject (Biology preferred) plus English, Maths and Biology or Chemistry at National 5.

For advanced entry to year 2, you would require 3 Advanced Highers at AAB including Biology and Chemistry.

Widening access entry: 3 Highers at BBB (by end of S5) including Chemistry and Maths or another science subject (Biology preferred). Additional Highers/Advanced Highers in S6.

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

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

King's College
Aberdeen
Aberdeen City
AB24 3FX

Website

www.abdn.ac.uk