Conservation Biology

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Conservation Biology focuses on the skills you need to explore strategies for conserving biodiversity in the face of rapid increases in human impacts on the planet. You build on expertise in ecology, zoology, plant and soil science, evolution and genetics. You learn about the arguments and the effectiveness of different approaches to conservation and develop a conceptual and practical understanding of conservation. You explore a diversity of case studies in Scotland and internationally to examine the diversity of approaches ranging from the conservation of threatened species to the challenges of working inside and outside of protected areas.

First Year: All Conservation Biology students take eight courses normally including Ecology and Environmental Science, Organismal Biology, Sustainable Land Management, and a tutorial course in Biological Sciences. This leaves a choice of four further courses which contribute to enhanced study; options include subjects such as Global Worlds, Global Challenges, The Natural Environment Through Geological Time and new interdisciplinary courses. Students take a one-week field course on Plant Ecology at Bettyhill, Sutherland.

Second Year: All students study Skills for Life Sciences. There is a dedicated Conservation Biology course in second year, as well as compulsory courses on Community Ecology and Plant Diversity and a field course run by the Zoology Department. Options include courses in Plant Science, Soil Science, Zoology, Ocean Biology and Geography.

Third Year (Junior Honours): All students take a course in Experimental Design and Analysis. Other core elements of the third year include Population Ecology, Plant Biogeography and Ecosystem Processes. These are followed by a wide choice of courses in Tropical Ecology and Conservation, Marine and Aquatic Ecology and other more applied subjects.

Fourth Year (Senior Honours): A semi-independent project takes up a substantial part of the Honours year, this is often carried out in conjunction with a conservation agency. Students also attend courses on Nature Conservation in Britain and on Environmental Pollution, prepare an extended essay and contribute to a discussion programme on Topics in Nature Conservation. One further course is chosen from a list of options. A residential team-building course and a careers programme form part of a graduate skills module.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

C161

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

King's College
Aberdeen
Aberdeen City

AB24 3FX

Website

www.abdn.ac.uk