

# COURSE DETAIL

## THE BEHAVIORAL ECOLOGY OF ANIMALS AND HUMANS

**Country**

United Kingdom - England

**Host Institution**

University of Cambridge, Pembroke College

**Program(s)**

Summer in Cambridge

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

106

**UCEAP Course Suffix**

S

**UCEAP Official Title**

THE BEHAVIORAL ECOLOGY OF ANIMALS AND HUMANS

**UCEAP Transcript Title**

BEHAVIORAL ECOLOGY

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

**Course Description**

This course examines how animal behavior is shaped by evolution. Students consider a wide variety of the problems that animals have to face, including how to find sufficient food, how to avoid predation and how to choose a mate. Using examples from across the animal kingdom, students attempt to explain many of the key puzzles of life. For example, how do parents decide how much food to give to each offspring, and how much to save for themselves? Why might animals forego reproduction and instead help to raise the offspring of others? How do animals communicate, and what determines the form of the signals they use? Evolutionary theory allows us to make and test predictions about these and other questions. By comparing the behavior of different species, and using controlled field and laboratory experiments, students are able to find solutions to many problems raised by the study of animal behavior.

**Language(s) of Instruction**

English

**Host Institution Course Number****Host Institution Course Title**

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**Host Institution Course Details**

<https://www.pem.cam.ac.uk/international-programmes/pembroke-cambridge-summer-pr...>

**Host Institution Campus**

Cambridge

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

**Course Last Reviewed**

2022-2023

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