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

3.30

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
THE BEHAVIORAL ECOLOGY OF ANIMALS AND HUMANS

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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