

# COURSE DETAIL

## BEHAVIORAL ECOLOGY FOR THE ANTHROPOCENE

**Country**

United Kingdom - England

**Host Institution**

University College London

**Program(s)**

University College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

159

**UCEAP Course Suffix****UCEAP Official Title**

BEHAVIORAL ECOLOGY FOR THE ANTHROPOCENE

**UCEAP Transcript Title**

BEHAVIORAL ECOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

Behavior is the front-line interaction of organisms with their environment, allowing them to respond rapidly to changes in the environment that define the Anthropocene. Determining the mechanisms of such behavioral responses and how they evolved is fundamental for understanding how organisms adjust to their changing environment. Behavioral ecology examines these responses in the context of the natural environment, bringing the study of behavioral ecology center stage in environmental research. This course unites the classical study of animal behavior, using Niko Tinbergen's four 'whys' of behavior as a framework, with theory on the role of phenotypic plasticity in changing environments. An understanding of the function and mechanisms of animal behavior is timely in coping with current social, economic, and environmental problems in our changing planet.

## Language(s) of Instruction

English

## Host Institution Course Number

BIOL0048

## Host Institution Course Title

BEHAVIOURAL ECOLOGY FOR THE ANTHROPOCENE

## Host Institution Course Details

<https://www.ucl.ac.uk/module-catalogue/modules/behavioural-ecology-for-the-anth...>

## Host Institution Campus

University College London

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Division of Biosciences

**Course Last Reviewed**

2022-2023

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