

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 Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Division of Biosciences

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