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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