COURSE DETAIL

ANIMAL BEHAVIOR

Country
Norway

Host Institution
University of Oslo

Program(s)
University of Oslo

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
118

UCEAP Course Suffix

UCEAP Official Title
ANIMAL BEHAVIOR

UCEAP Transcript Title
ANIMAL BEHAVIOR

UCEAP Quarter Units
8.00

UCEAP Semester Units
5.30

Course Description

This course provides a thorough introduction of the range of behaviors found in animals, and of scientific methods used to study animal behavior in the field and in the lab. It integrates knowledge from a range of fields, including ecology, evolutionary biology, physiology, and psychology. The course covers the main genetic, physiological, and developmental mechanisms underpinning individual behavior; the main historical developments leading to the current state of the field of animal behavior, including the role of the nature-nurture debate; central evolutionary theories used to explain animal behavior; and concepts and theories, such as proximate and ultimate explanations, fitness, altruism, optimality, and game theory. It develops skills in critical reading of scientific literature, ability to design experiments to study animal behavior, and making an ethogram from observing animal behavior.

Language(s) of Instruction
English

Host Institution Course Number
BIOS2000

Host Institution Course Title
ANIMAL BEHAVIOUR

Host Institution Course Details
https://www.uio.no/studier/emner/matnat/ibv/BIOS2000/index-eng.html

Host Institution Campus

Host Institution Faculty
Mathematics and Natural Sciences

Host Institution Degree

Host Institution Department
Biosciences

Course Last Reviewed
2023-2024

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