

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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