

## 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 BEHAVIOR

### Host Institution Campus

### Host Institution Faculty

Mathematics and Natural Sciences

### Host Institution Degree

### Host Institution Department

Biosciences

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