

COURSE DETAIL

EVOLUTION

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

113

UCEAP Course Suffix**UCEAP Official Title**

EVOLUTION

UCEAP Transcript Title

EVOLUTION

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course provides a thorough introduction to modern evolutionary science, with an emphasis on phenotypic evolution, life history theory, adaptation, speciation, and macroevolution. The course discusses topics including basic concepts within the theory of evolution such as phylogeny, natural selection, fitness, plasticity, adaptation, speciation, inheritance, and genetic variation; the main principles of quantitative genetics; life stages and adaptation and natural selection; the evolution of life on Earth and the factors that determine the geographic distribution of organisms; and how evolution takes place over different time scales. The course requires students to have met specific prerequisites in order to enroll in the course.

Language(s) of Instruction

English

Host Institution Course Number

BIOS3100

Host Institution Course Title

EVOLUTION

Host Institution Campus

Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biosciences

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