

COURSE DETAIL

BEHAVIORAL AND EVOLUTIONARY ECOLOGY

Country

New Zealand

Host Institution

University of Otago

Program(s)

University of Otago

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

135

UCEAP Course Suffix**UCEAP Official Title**

BEHAVIORAL AND EVOLUTIONARY ECOLOGY

UCEAP Transcript Title

BEHAVIOR&EVOL ECOL

UCEAP Quarter Units

7.00

UCEAP Semester Units

4.70

Course Description

This course explores why different species behave in different ways and why individual differences in behavior exist within species. Topics include reproduction, survival, animal communication, host-parasite interactions, and coevolution. The course takes a quantitative approach through hypothesis testing, experimental design, abstract models, and phylogenetics. A background in basic statistics is recommended.

Language(s) of Instruction

English

Host Institution Course Number

ZOOL315

Host Institution Course Title

BEHAVIORAL AND EVOLUTIONARY ECOLOGY

Host Institution Campus

Otago

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Zoology

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