

# 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**

BEHAVIOURAL AND EVOLUTIONARY ECOLOGY

**Host Institution Course Details****Host Institution Campus**

Otago

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

Zoology

**Course Last Reviewed**

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