

COURSE DETAIL

ANIMAL ECOLOGICAL PHYSIOLOGY

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

ANIMAL ECOLOGICAL PHYSIOLOGY

UCEAP Transcript Title

ANIMAL ECOL PHYSIOL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines physiological interactions between organisms and their environments. It explores evolutionary processes that allow animals to persist in variable environments. These concepts are essential to understanding biodiversity and ecological function of animal populations, and how these are likely to change under future climate change. The course is suitable for those with an interest in zoology, as well as students with a particular interest in ecology and evolution. There is a strong focus on experimental biology and incorporating theory into practical classes, during which students design their own experiments. The course provides essential skills for conducting and presenting research, and for critical evaluation of published research.

Language(s) of Instruction

English

Host Institution Course Number

BIOL3045

Host Institution Course Title

ANIMAL ECOLOGICAL PHYSIOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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