

COURSE DETAIL

COMPARATIVE ANIMAL PHYSIOLOGY

Country

Australia

Host Institution

University of Melbourne

Program(s)

University of Melbourne

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

COMPARATIVE ANIMAL PHYSIOLOGY

UCEAP Transcript Title

ANIMAL PHYSIOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This lecture and laboratory-based course aims to give students a solid foundation in basic physiological processes in animals, with a focus on the different ways in which animals are adapted to their environments. Particular emphasis will be placed on marine and desert animals, and the integrative mechanisms involved in the regulation of important organ systems. Topics include endocrine feedback, neural integration, water, food and salt balance, cardiorespiratory systems, thermoregulation, metabolism and reproduction.

Language(s) of Instruction

English

Host Institution Course Number

ZOOL20006

Host Institution Course Title

COMPARATIVE ANIMAL PHYSIOLOGY

Host Institution Campus

Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department

Zoology

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