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 Course Details
https://handbook.unimelb.edu.au/view/2015/ZOOL20006

Host Institution Campus
Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department
Zoology

Course Last Reviewed
2024-2025

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