COURSE DETAIL

ANIMAL PHYSIOLOGY AND ENVIRONMENTAL ADAPTATION
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 122
UCEAP Course Suffix
UCEAP Official Title ANIMAL PHYSIOLOGY AND ENVIRONMENTAL ADAPTATION
UCEAP Transcript Title ANIMAL PHYSIOLOGY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course studies experimental zoology describing interactions between animals and the environment. Emphasis is given to how living organisms obtain resources from the environment, gather information of environmental changes via sensory structures, and respond to adversities of environmental changes by adjusting their body physiology and biochemistry. Topics include energy metabolism, respiration, circulation, photoreception, color change and background adaptation, thermal regulation, muscle contraction and animal movement, and environmental stress and stress responses.

Language(s) of Instruction
English

Host Institution Course Number
BIOL3105

Host Institution Course Title
ANIMAL PHYSIOLOGY AND ENVIRONMENTAL ADAPTATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

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