COURSE DETAIL

ANIMAL DIVERSITY AND EVOLUTION 3
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 135
UCEAP Course Suffix
UCEAP Official Title ANIMAL DIVERSITY AND EVOLUTION 3
UCEAP Transcript Title ANIML DIVERS&EVOL 3
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
The course provides students with a modern view of animal diversity and an understanding of how the process of evolution has produced this diversity. Students examine what key features make animals different from the rest of life and the evolutionary significance of these features. They then explore this diversity from different perspectives, including the phylogenetic description of diversity, the general causes of diversification in animals and more detailed examination of the diversification of key animal traits such as immunity, physiology and life-history. Students examine how patterns of diversity at different levels of biological organization, and how the diversity of body plans can be understood in terms of the relationship between evolution and development. The course finally considers the future of animal diversity. Some sessions illustrate approaches and techniques used to examine animal diversity and evolution, emphasizing that this is an active research field.

Language(s) of Instruction
English

Host Institution Course Number
BILG09019

Host Institution Course Title
ANIMAL DIVERSITY AND EVOLUTION 3

Host Institution Course Details
http://www.drps.ed.ac.uk/15-16/dpt/cxbilg09019.htm?code=BILG09019

Host Institution Campus
Edinburgh University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

Course Last Reviewed
2023-2024

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