COURSE DETAIL

MARINE ECOLOGY AND BIODIVERSITY

Country
United Kingdom - England

Host Institution
University of London, Royal Holloway

Program(s)
University of London, Royal Holloway

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
145

UCEAP Course Suffix
N

UCEAP Official Title
MARINE ECOLOGY AND BIODIVERSITY

UCEAP Transcript Title
MARINE ECOL& BIODIV

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description

The course begins with a brief introduction to the marine environment and oceanography. Following on from this a number of topical subjects are used to illustrate recent developments in the field of marine ecology. The biodiversity and biogeography in the marine environment are illustrated with reference to selected habitats, namely coral reefs and the deep ocean. The biology of the deep ocean, in particular the biology of mid-water and hydrothermal vent communities, includes consideration of technological advances in deep ocean exploration. This theme is developed further in lectures on tracking studies, behavior, and conservation of marine megafauna, e.g. sharks, sea birds, and marine mammals. The topical issues of marine pollution (including plastics pollution), ocean acidification and global climate change is considered with respect to effects on marine biodiversity.

Language(s) of Instruction
English

Host Institution Course Number
BS3180

Host Institution Course Title
MARINE ECOLOGY AND BIODIVERSITY

Host Institution Course Details
https://ssb-prod.ec.royalholloway.ac.uk/PROD/bwckctlg.p_disp_catalog_syllabus?c...

Host Institution Campus
Royal Holloway

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2023-2024

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