

COURSE DETAIL

PRINCIPLES OF ECOLOGY

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

131

UCEAP Course Suffix**UCEAP Official Title**

PRINCIPLES OF ECOLOGY

UCEAP Transcript Title

PRINCPLS OF ECOLOGY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

The course is an introduction to the factors determining the distribution and patterns of abundance of organisms, and which relate plant and animal populations to their environment. It includes the physiological ecology of plants and animals, the life history strategies by which organisms adapt to their environments, trophic ecology and the ecological significance of the niche, biodiversity, and co-existence. The course provides a comprehensive treatment of the subject from the first principles of ecology to a reflection of our understanding of ecology in the 21st century.

Language(s) of Instruction

English

Host Institution Course Number

ECSC08012

Host Institution Course Title

PRINCIPLES OF ECOLOGY

Host Institution Campus

University of Edinburgh

Host Institution Faculty

School of Geosciences

Host Institution Degree

Host Institution Department

Biology

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