

COURSE DETAIL

ECOSYSTEMS AND CONSERVATION

Country

United Kingdom - Scotland

Host Institution

University of St Andrews

Program(s)

University of St Andrews

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Biological Sciences

UCEAP Course Number

151

UCEAP Course Suffix**UCEAP Official Title**

ECOSYSTEMS AND CONSERVATION

UCEAP Transcript Title

ECOSYSTEM&CONSRVATN

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course examines how ecosystems function and how they provide services for humans: information which is essential for ecologists, conservationists, and land managers. The course considers examples of natural systems being altered by man to demonstrate how ecosystems function and the consequences of anthropogenic change. Disturbance and regulation in ecosystems, atmospheric, and hydrological regulation (including the greenhouse effect and acidification), soil ecology, conservation and management of natural resources, agricultural and grazed ecosystems (including GMOs), urban ecosystems, and aspects of sustainable development are also discussed.

Language(s) of Instruction

English

Host Institution Course Number

BL3309

Host Institution Course Title

ECOSYSTEMS AND CONSERVATION

Host Institution Campus

Host Institution Faculty

School of Biology

Host Institution Degree

Host Institution Department

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