

COURSE DETAIL

INTRODUCTION TO ECOLOGY AND CONSERVATION

Country

United Kingdom - England

Host Institution

University of Sussex

Program(s)

University of Sussex

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Biological Sciences

UCEAP Course Number

133

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO ECOLOGY AND CONSERVATION

UCEAP Transcript Title

INTRO ECOL&CONSERV

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an overview of the main principles of ecology and conservation. Topics include population ecology (population growth, regulation, species interactions-competition, predation, mutualisms) and community ecology (trophic structures and food webs, biodiversity, ecosystem services). The course also explores macro-ecology, local global patterns of biodiversity, factors controlling species distribution, abundance, and biogeography. Finally applied issues in ecology and conservation are considered, including habitat loss and fragmentation, invasive species, harvesting, and ecological restoration.

Language(s) of Instruction

English

Host Institution Course Number

C1023

Host Institution Course Title

INTRODUCTION TO ECOLOGY AND CONSERVATION

Host Institution Campus

University of Sussex

Host Institution Faculty

Host Institution Degree

Host Institution Department

Evolution, Behaviour, and Environment

[Print](#)