

COURSE DETAIL

ECOSYSTEM SCIENCE

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography

UCEAP Course Number

158

UCEAP Course Suffix**UCEAP Official Title**

ECOSYSTEM SCIENCE

UCEAP Transcript Title

ECOSYSTEM SCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course explores the fundamental environmental units: ecosystems. Students use biological and physical science perspectives to examine the geographical distribution of ecosystems and to understand the principles and processes governing their structure and function. Students study the exchange of materials and energy between biotic and abiotic ecosystem components, focusing on water and carbon cycles. Students apply biogeoscience perspectives when interpreting how ecosystems change in response to internal system processes, environmental change, natural disturbance events and human activities.

Language(s) of Instruction

English

Host Institution Course Number

GEG5224

Host Institution Course Title

ECOSYSTEM SCIENCE

Host Institution Campus

Queen Mary

Host Institution Faculty

Host Institution Degree

Host Institution Department

Geogrpahy

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