

COURSE DETAIL

GEOMORPHOLOGY

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Earth & Space Sciences

UCEAP Course Number

147

UCEAP Course Suffix**UCEAP Official Title**

GEOMORPHOLOGY

UCEAP Transcript Title

GEOMORPHOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course provides an introduction to the key concepts and applications of geomorphology, with particular reference to the understanding of fluvial, slope, coastal/marine systems. The course builds upon the basic understanding of earth systems and environmental change acquired during first year students, and facilitates a deeper appreciation of the conceptual and technical issues involved in understanding how landform morphology evolves at various time and space scales. Topics include a brief history of geomorphology, showing how it has emerged from geological origins as a distinct geoscience in its own right; key concepts related to the analysis of landform morphology and the understanding of temporal and spatial scales of landform change (including computer practicals); processes of sediment entrainment, transport, and deposition, illustrated in the context of hillslope, aeolian, fluvial and coastal landforms; and the concept of morphodynamics.

Language(s) of Instruction

English

Host Institution Course Number

GEOG0019

Host Institution Course Title

GEOMORPHOLOGY

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Geography

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