

COURSE DETAIL

URBAN GEOSCIENCE: THE LONDON PERSPECTIVE

Country

United Kingdom - England

Host Institution

University College London

Program(s)

Summer at University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Urban Studies Geography Earth & Space Sciences

UCEAP Course Number

104

UCEAP Course Suffix

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UCEAP Official Title

URBAN GEOSCIENCE: THE LONDON PERSPECTIVE

UCEAP Transcript Title

URBAN GEOSCI/LONDON

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Urban geoscience encompasses the geological aspects of the built environment in the context of construction materials and the underlying bedrock that affects the stability of built structures. In London, the relevance of these aspects are evident. This course introduces students to critical aspects of urban geoscience related to suitability of building materials and construction sites, underground water resource, its contamination and fluctuation and, scope of urban mining using London as an example. The concepts learnt must then be applied to any other expanding city in the world in the same contexts of construction and water resources, maximizing resource recovery, and recycling from urban wastes.

Language(s) of Instruction

English

Host Institution Course Number

ISSU0081

Host Institution Course Title

URBAN GEOSCIENCE: THE LONDON PERSPECTIVE

Host Institution Campus

Bloomsbury

Host Institution Faculty

Host Institution Degree

Bachelors

Host Institution Department

Department of Earth Sciences

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