

COURSE DETAIL

ENVIRONMENTAL ENGINEERING AND SUSTAINABILITY 2

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL ENGINEERING AND SUSTAINABILITY 2

UCEAP Transcript Title

ENVR ENGR&SUSTAINAB

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces environmental engineering and sustainability, covering the hydrological cycle, how to assess the quantity of water available for use (potable water supply, irrigation, etc.), how to ensure the required water quantity is sustainably met and what challenges are currently faced by engineers. Furthermore, transport contamination in water is covered through transport phenomena principles. Environmental sustainability is examined in an engineering context, including basic concepts such as life cycle analysis and environmental impact assessment.

Language(s) of Instruction

English

Host Institution Course Number

CIVE08023

Host Institution Course Title

ENVIRONMENTAL ENGINEERING AND SUSTAINABILITY 2

Host Institution Campus

Host Institution Faculty

School of Engineering

Host Institution Degree

Host Institution Department

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