

COURSE DETAIL

SYSTEMS, SOCIETY AND SUSTAINABILITY

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

141

UCEAP Course Suffix**UCEAP Official Title**

SYSTEMS, SOCIETY AND SUSTAINABILITY

UCEAP Transcript Title

SOCIETY&SUSTAINABIL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course outlines the challenges of sustainability, introduces some theories which can help students think through these challenges more clearly, and applies them to the case of urban water systems. Sustainable development requires that engineers and other professionals be able to include social and ecological considerations alongside technical requirements in managing projects and infrastructure. Recent developments in theories of socio-technical systems provide some useful tools and ideas for bringing together social, ecological, and technical considerations.

Language(s) of Instruction

English

Host Institution Course Number

CEGE0020

Host Institution Course Title

SYSTEMS, SOCIETY AND SUSTAINABILITY

Host Institution Campus

UCL

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Civil, Environmental, and Geomatic Engineering

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