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 global challenge of sustainable development requires solutions and mindset that bridge traditional divisions between nature and culture, and the technical and social sciences. Sustainable development requires that engineers and other professionals are able to include social and ecological considerations alongside technical and economic requirements in managing projects and infrastructure. This course outlines the challenges of sustainability, introduces some theories which can help think through these challenges more clearly, and applies them to city and infrastructure systems. As each topic, such as ecological modernization, and sustainable consumption, is introduced, students learn about the theories behind the topic, they discuss relevant papers that shed light on the topic, and they discover the practical examples of relevance of the topic.

Language(s) of Instruction
English

Host Institution Course Number
CEGE0020

Host Institution Course Title
SYSTEMS, SOCIETY AND SUSTAINABILITY

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/systems-society-and-sustainabili...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil, Environmental, and Geomatic Engineering

Course Last Reviewed

2025-2026

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