

COURSE DETAIL

TECHNOLOGIES TO COMBAT CLIMATE CHANGE

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemical Engineering

UCEAP Course Number

134

UCEAP Course Suffix**UCEAP Official Title**

TECHNOLOGIES TO COMBAT CLIMATE CHANGE

UCEAP Transcript Title

TECH/CLIMATE CHANGE

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course teaches students to consider the challenges posed by climate change, and the technologies and systems that are required to mitigate it. Students are introduced to key mitigation technologies and given the skills to perform basic economic analysis of the options. Lectures cover technoeconomic assessment and emissions estimation methods, possible future technology developments, and approaches to systems thinking, as well as the policy background on climate change.

Language(s) of Instruction

English

Host Institution Course Number

CENG60016

Host Institution Course Title

TECHNOLOGIES TO COMBAT CLIMATE CHANGE

Host Institution Course Details

<https://www.imperial.ac.uk/centre-for-languages-culture-and-communication/i-exp...>

Host Institution Campus

South Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemical Engineering

Course Last Reviewed

2023-2024

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