COURSE DETAIL

ENERGY AND GREEN SOCIETY
Country Hong Kong
Host Institution Chinese University of Hong Kong
Program(s) Hong Kong Summer, CUHK
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 37
UCEAP Course Suffix S
UCEAP Official Title ENERGY AND GREEN SOCIETY
UCEAP Transcript Title ENERGY & GREEN SOC
UCEAP Quarter Units 4.50
UCEAP Semester Units

3.00

Course Description

This course examines the current global energy crisis and environmental issues facing society. The history of energy consumption shows the importance of energy in relation to quality of life. With the further development and the increase of the world population, our society is challenged by an unprecedented energy demand in 21st century. At the same time, global warming and climate changes are also causing more and more attentions. The first part of the course addresses our current energy options and their impacts on the environment. The second part of the course explores ways in which we can meet our future energy needs without deteriorating the environment. Possible routes to develop a green society are discussed with a focus on renewable energy resources, smart grid, eco-friendly vehicles, and carbon sequestration and carbon audit.

Language(s) of Instruction
English

Host Institution Course Number
UGEB1307

Host Institution Course Title
ENERGY AND GREEN SOCIETY

Host Institution Course Details

Host Institution Campus
International Summer School

Host Institution Faculty

Host Institution Degree

Host Institution Department
Environment, Science and Technology

Course Last Reviewed
2024-2025

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