

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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