

## 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 Campus**

International Summer School

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Environment, Science and Technology

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