COURSE DETAIL

SUSTAINABLE ENERGY
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title SUSTAINABLE ENERGY
UCEAP Transcript Title SUSTAINABLE ENERGY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description
This course examines sustainability and environmental impact of different energy technologies, including conventional energy sources as well as renewable and/or clean energy sources. The technological challenges, potential for future development, and environmental impacts (community, regional, and global) are discussed. Topics: energy production and use, environmental impact of energy use, fossil fuels and methods for making them more sustainable, clean fuels, electricity generation, renewable energy technologies (with emphasis on biomass, wind and solar energy), hydrogen, energy storage, and energy conservation.

Language(s) of Instruction
English

Host Institution Course Number
ENVS3010

Host Institution Course Title
SUSTAINABLE ENERGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

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