

COURSE DETAIL

CLIMATE CHANGE IMPACTS AND EXTREME WEATHER EVENTS

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

50

UCEAP Course Suffix**UCEAP Official Title**

CLIMATE CHANGE IMPACTS AND EXTREME WEATHER EVENTS

UCEAP Transcript Title

CLIMATE CHANGE IMPT

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

As the extreme weather events emerge as one of the most prominent global risks, climate change and the accompanying natural disasters are no longer a side agenda, but play a critical role in maintaining sustainable societies and economies. This course offers a broader perspective on environmental issues, in addition to advancing the scientific knowledge of climate change and extreme weather. The course introduces the case studies that emphasize the huge implications of extreme events (e.g. drought, flood, heat waves, typhoon) and their linkage with the warming due to greenhouse gases. This course also assesses the potential impacts of climate changes and extremes on social, economic and environmental sustainability through a multidisciplinary approach.

Language(s) of Instruction

English

Host Institution Course Number

ENVR1150

Host Institution Course Title

CLIMATE CHANGE IMPACTS AND EXTREME WEATHER EVENTS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Environment

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