COURSE DETAIL

GLOBAL CLIMATE CHANGE: SCIENCE AND POLITICS
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Summer
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Political Science Environmental Studies
UCEAP Course Number 107
UCEAP Course Suffix
UCEAP Official Title GLOBAL CLIMATE CHANGE: SCIENCE AND POLITICS
UCEAP Transcript Title GLOBL CLIMATE CHNGE
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course provides students a critical review of the climate change discussion. The goal is to increase understanding from an interdisciplinary perspective and to join the dialogues from the physical and social sciences outlook. In this course, based on a wide range of resources, students understand the empirical and normative challenges around the debate of global warming and why political actors have found it so difficult to find an effective response to climate change. After getting an overview of the science on global warming in the first part of the course, the second part focuses on the growing empirical policy science. Topics covered include: the dynamics of public opinion; international cooperation; the economic disagreements and agreements over climate interventions; risks and options of addressing climate change, or not addressing climate change. The course ends with reviews of concrete policy and technical options. The course presents local, regional, national, and international initiatives combining adaptation and mitigation of climate change through reforestation, sustainable development, technological solutions, renewable energies, low carbon transportation, and carbon neutral initiatives.

Language(s) of Instruction
English

Host Institution Course Number

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Host Institution Course Details

Host Institution Campus
TUBS

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

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