COURSE DETAIL

THE ECONOMICS OF CLIMATE CHANGE
Country Denmark
Host Institution University of Copenhagen
Program(s) University of Copenhagen
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 137
UCEAP Course Suffix
UCEAP Official Title THE ECONOMICS OF CLIMATE CHANGE
UCEAP Transcript Title ECON CLIMATE CHANGE
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course investigates the economic aspects of climate change and the economics of climate policy in a global perspective. It starts with a brief introduction to the key economic concepts which are useful to analyze the climate change problem (e.g., efficiency and optimality, externalities and public goods, property rights, market failure). The course then discusses the issues around international environmental problems from a game theory perspective. It analyzes several pollution control instruments, with a particular focus on the use of tax incentives and marketable permits to control emissions of greenhouse gases. The overall mitigation/adaptation problem is addressed; the implications of choosing the appropriate social discount rate are discussed. The final part of the course addresses specific issues such as the role of energy prices and the transition to renewable energy; the situation and role of developing countries. The latter includes ethical principles underlying equity and environmental justice considerations in a North-South perspective.

Language(s) of Instruction
English

Host Institution Course Number
NIFK13006U

Host Institution Course Title
THE ECONOMICS OF CLIMATE CHANGE

Host Institution Course Details

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Food and Resource Economics

Course Last Reviewed

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