

COURSE DETAIL

ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Economics

UCEAP Course Number

136

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS

UCEAP Transcript Title

ENV & RESOURCE ECON

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a comprehensive introduction to environmental and natural resource economics. It is assumed that students have a good grounding in basic microeconomics. Core components of the course include: environmental sustainability concepts and ethics; the welfare economic foundation of environmental economics; externalities and the design of policy instruments to address environmental problems; the economic concept of value and measurement of environmental benefits using non-market valuation methods; and optimal utilization of renewable and non-renewable natural resources. The course develops a systematic understanding of the economic rationale behind the use of environmental policy instruments, economic valuation principles, and criteria for optimal use of natural resources. Through examples, the course examines how principles of environmental and natural resource economics have been applied or are being proposed to address a range of sustainability concerns. These include sustainable management of water, sustainable use of terrestrial and marine resource and biodiversity conservation, mitigation of climate change and adaptation to its impacts, and promotion of sustainable consumption and production.

Language(s) of Instruction

English

Host Institution Course Number

NIFB14004U

Host Institution Course Title

ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Bachelor

Host Institution Department

Food and Resource Economics

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