

COURSE DETAIL

ENVIRONMENTAL ECONOMICS FOR ENVIRONMENTAL SCIENCES

Country

Netherlands

Host Institution

Wageningen University and Research Center

Program(s)

Wageningen University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Economics

UCEAP Course Number

100

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL ECONOMICS FOR ENVIRONMENTAL SCIENCES

UCEAP Transcript Title

ENVIRONMENTAL ECON

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides an introduction to environmental economics and is developed for students of non-economic study programs, but is also suitable as an introduction to environmental economics for students of economic study programs. This course demonstrates how environmental problems can be approached and analyzed using economic theory. Students learn how economics provides guidance to address serious environmental problems such as global warming, ozone depletion, and air and water pollution at different scales (e.g. global and regional scales). This course establishes the foundations of environmental economics. Students learn how markets function, under which conditions markets fail, and how market failures can give rise to a misallocation of resources causing environmental problems. These insights are then used to analyze how policy interventions can correct market failure and enhance social welfare. After successful completion of this course, students are able to explain the theoretical foundations of environmental economics; explain key concepts, strengths, and limitations of environmental economic analysis (e.g. sustainability, efficiency, Pareto optimality, market failure, externalities); analyze important environmental problems (e.g. pollution) from an economic point of view; understand and explain key economic instruments and policy measures for solving economic problems (e.g. taxes, subsidies, tradable permits) on an international scale; apply economic concepts to a specific case in the domain of environmental economics; compile and structure information about a topic in environmental economics to write a scientific essay.

Language(s) of Instruction

English

Host Institution Course Number

ENR-21306

Host Institution Course Title

ENVIRONMENTAL ECONOMICS FOR ENVIRONMENTAL SCIENCES

Host Institution Campus

Environmental Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Environmental Economics and Natural Resources

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