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 Course Details

Host Institution Campus

Environmental Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Environmental Economics and Natural Resources

Course Last Reviewed

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