

COURSE DETAIL

ENVIRONMENTAL ECONOMICS

Country

Italy

Host Institution

University of Bologna

Program(s)

University of Bologna

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

184

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL ECONOMICS

UCEAP Transcript Title

ENVIRONMENTAL ECON

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course is part of the Laurea Magistrale degree program and is intended for advanced level students. Enrollment is by permission of the instructor. The course offers students a multidimensional perspective on the dynamic links between human societies and the environment, using insights from environmental, resource and ecological economics. After presenting the historical background of the discipline, the course provides a broad overview of how economic theory conceptualizes the problems of optimal pollution control and the efficient use of exhaustible and renewable natural resources. Several key sub-fields of environmental economics are analyzed and discussed, including the valuation of environmental goods, the measurement of sustainability, the links between economic growth and environmental degradation, the role of technological innovation as well as the behavioral aspects of environmental protection. Climate economic modelling is the main applied focus of the course. At the end of the course, students have a comprehensive understanding of the most relevant research areas in environmental and resource economics.

Specific topics covered:

- Weak and strong sustainability; environmental and ecological economics
- Economic growth and the environment
- Measures of sustainability
- Static and dynamic efficiency
- Cost-benefit analysis
- Depletable resource economics
- Renewable resource economics
- Climate change economics
- Environmental policy
- International environmental agreements

Language(s) of Instruction

English

Host Institution Course Number

B2224

Host Institution Course Title

ENVIRONMENTAL ECONOMICS

Host Institution Campus

BOLOGNA

Host Institution Faculty

Host Institution Degree

LM in APPLIED ECONOMICS AND MARKETS

Host Institution Department

ECONOMICS

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