



The Hebrew University of Jerusalem

Syllabus

ENVIRONMENTAL ECONOMICS - 71705

Last update 17-10-2022

HU Credits: 3

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Environmental Economics & Management

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Dr. Adam Lampert

Coordinator Email: adam.lampert@mail.huji.ac.il

Coordinator Office Hours: Monday 10:00-11:00

Teaching Staff:

Prof Adam Lampert

Course/Module description:

The course covers the methods and tools available for measuring the economic value of environmental amenities. Providing economic values to environmental qualities and amenities such as clean air and water, natural parks, agricultural landscape, and the protection of species under risk of extinction is necessary for environmental policy making. It is well known that market data (such as prices) cannot be used to value public goods (such as environmental qualities and amenities) and as a result a plethora of methods has been developed in the past recent years. We will study these methods and examine their use in the design and implementation of environmental policy.

Course/Module aims:

Learn the main theories that are used to describe market failures and environmental problems, and the solutions to these problems that are prescribed by the theories.

Provide the necessary tools for economic evaluation of the environment.

To learn the economic perspective on the climate crisis.

Learning outcomes - On successful completion of this module, students should be able to:

By the end of the course the students will be able to recognize market failures leading to environmental problems; will be able to propose solutions to these problems, and know the pros and cons of the different solutions.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures

Course/Module Content:

What is environmental economics
Basic concepts: externalities and public goods
Environmental regulation
Information and environmental regulation
Pigovian taxes and non Perfect competition
Pigovian taxes and Emissions trading
The economic value of the environment
Cost-Benefit Analysis

Climate Change

Required Reading:

Becker, Nir and Friedman, Chanoch (2020) Environmental Economics. Pardes.

Additional Reading Material:

Will be announced at the course site

Course/Module evaluation:

End of year written/oral examination 50 %

Presentation 15 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 35 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: