



Syllabus

ADVANCED ENVIRONMENTAL ECONOMICS - 71124

Last update 17-10-2017

HU Credits: 3

Responsible Department: environmental economics & management

Academic year: 0

Semester: 1st Semester

Teaching Languages: English

Campus: Rehovot

Course/Module Coordinator: Iddo Kan

Coordinator Email: iddo.kan@mail.huji.ac.il

Coordinator Office Hours: Sunday 13:00-15:00 upon setting a meeting

Teaching Staff:

Dr. Iddo Kan

Course/Module description:

The course presents theories, models and empirical applications of economic

analysis of environmental problems, including valuation of non-market products, optimizing environmental protection and management of environmental policies.

Course/Module aims:

The course provides in-depth understanding of the field of environmental economics, including theories and advanced analytical tools.

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

The students will understand economic theories for analyzing environmental problems, economic evaluation tools, and environmental aspects and issues associated with regulating and management of environmental policies.

Attendance requirements(%):

0%

Teaching arrangement and method of instruction: Lectures

Course/Module Content:

*How much environmental quality?
Market failures
Making decisions about environmental programs
Environmental demand theory
Hedonic-price methods
Household production
Constructed markets
Double dividend and the theory of second best
Regulation under uncertain costs
Auctioning emission permits
Audits, enforcement & moral hazard
Voluntary actions and agreements
Risk management*

Required Reading:

*Kolstad, Charles. Environmental Economics. 2nd ed. Oxford University Press, 2010.
Champ, P. A., Boyle, K. J., & Brown, T. C. (Eds.). (2012). A primer on nonmarket valuation (Vol. 3). Springer Science & Business Media.*

Additional Reading Material:

Key papers referenced in the presentations

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 50 %

Participation in Tutorials 0 %

Project work 50 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

Each student will present in the last lessons of the semester a paper from the last annual meeting of the European Association of Environmental and Resources Economists (EAERE)