



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *ADVANCED ENVIRONMENTAL ECONOMICS - 71124*

*Last update 27-08-2024*

*HU Credits: 3*

*Degree/Cycle: 2nd degree (Master)*

*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](mailto:iddo.kan@mail.huji.ac.il)*

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

*Teaching Staff:*

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Prof. 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*

Required Reading:

*Kolstad, Charles. Environmental Economics. (2010). 2nd ed. Oxford University Press.*

*Champ, P. A., Boyle, K. J., & Brown, T. C. (Eds.). (2017). 2nd ed. A primer on nonmarket valuation (Vol. 3). Springer Science & Business Media.*

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*Additional Reading Material:*

*Key papers referenced in the presentations*

*Grading Scheme:*

*Essay / Project / Final Assignment / Home Exam / Referat 50 %*

*Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research proposal 30 %*

*Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 20 %*

*Additional information:*

*Each student will present in the last lessons of the semester a paper published in one of the leading journals in environmental economics*