



## COURSE DATASHEET

<b>Semester:</b>	2013/14/1
<b>Course:</b>	Environmental Economy
<b>Code:</b>	VEMKKVB112K
<b>Responsible department:</b>	Department of Environmental Engineering
<b>Department code:</b>	MKKV
<b>Responsible instructor:</b>	Dr. Erzsébet Horváth

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### Course objectives:

acquisition of basic economic knowledge connecting to environmental regulation and environmental protection

### Course content:

1. Evolution of environmental mentality from zero growth to sustainable development; 2. Indicators of economy and social welfare; objections against macro-economic indices; 3. Economy of natural sources: renewable and non-renewable sources; 4. Economy of natural sources: common good/welfare 5. Economy of environmental pollution: deficiencies of the market, optimum pricing of externalities; 6. Handling of externalities: Pigou, Baumol-Oates and Coase models 7. Handling of externalities: Consequences of Pigou and Coase models in the environmental-policy; 8. Regulation of environmental protection, requirements against regulation 9. Option between tools, taxes and quantitative regulation; 10. Reviewing the application of other tools, trading of pollution rights; 11. Application of taxes and standards, regulation of information deficiency market; casework and calculations; 12. Social and economical relations of environmental protection; 13. Material and energetic circulation in the production processes; their role in the environmental management; relation of economy and ecology; 14. Regulation of environmental protection on the basis of subsidiarity; compulsory responsibility insurance. Environmental market, eco-marketing economical strategies, ecolabelling; Decision systems and influences of them; conflict management. 15. Environmental conflicts and handling methods of conflicts; caseworks.

### Requirements, evaluation and grading:

test efficiency

### Required and recommended readings:

Szlávik J.-Valkó L.: Környezetgazdaságtan Kerekes S.: A környezetgazdaságtan alapjai D. Reace: Environmental Economics Knapp: Challenge of the Economic Environment Porritt: Where on Earth we going? Mayers: GAIA - Atlas of the Planet Management