



COURSE DATASHEET

Semester:	2014/15/1
Course:	Environmental Economy
Code:	VEMKKVB112K
Responsible department:	Department of Environmental Engineering
Department code:	MKKV
Responsible instructor:	Dr. Erzsébet Horváth

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:

According to the requirements of fulfillment.

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