



## COURSE DATASHEET

<b>Semester:</b>	2013/14/1
<b>Course:</b>	Environmental Management
<b>Code:</b>	VEMKKVB112G
<b>Responsible department:</b>	Department of Environmental Engineering
<b>Department code:</b>	MKKV
<b>Responsible instructor:</b>	Dr. Ákos Rédey

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### Course objectives:

Introducing the basics of environmental economics in Hungary.

### Course content:

1. Effective methods of environmental economics, eco-marketing, eco-balance, SWOT analysis. 2. Prevention of waste production, environmentally sound production. 3. Environmentally sound production – case studies. 4. Integrated waste management, AUDI case study. 5. Product evaluation, management of resources, energy-analysis, product-line analysis. 6. Product evaluation, management of resources, life cycle assessment. 7. Industrial ecology. 8. Environmental effects on producing-servicing activities. 9. Environmental awareness during product-planning. 10. Characteristics of environment-friendly production, fundamentals of the environmental management system. 11. Characteristics of the environmental-friendly products. 12. Environmental risks and the responsibility of the leaders at companies. 13. Environmental management. 14. The environmental function of a company in accordance with the changing environmental risks. 15. Further case studies.

### Requirements, evaluation and grading:

2 written tests with average grade two at least.

### Required and recommended readings:

Kósi K- Szilávik J – Valkó L: Környezetgazdaságtan- Környezet-menedzsment (válogatott fejezetek) Valkó L- Kósi K- Herczeg M: Környezetmenedzsment Buday- Sántha Attila: Környezetgazdálkodás Thurcany Guy: Environmental Management System Nádudvari Z: Az Európai Unió környezeti menedzsment rendszere EMAS I, EMAS II. Bányi Gy: Környezetvédelmi kézikönyv