



## COURSE DATASHEET

<b>Semester:</b>	2015/16/2
<b>Course:</b>	Engineering aspects of Environmental protection
<b>Code:</b>	VEMKLIB212K
<b>Responsible department:</b>	Research Institute on Bioengineering, Membrane Technology and Energetics
<b>Department code:</b>	MKBME
<b>Responsible instructor:</b>	dr. Katalin Bélafiné Bakó

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### Course objectives:

Overview of environmental pollution and protection of it in global and local scale.

### Course content:

1. Manufacturer society
2. Society and environment in the 20.-21. century
3. Forest farming
4. Agriculture and environment
5. Mining and its environmental effects
6. Energy
7. script test
8. Atomic energy, alternative energy sources
9. The state of atmosphere and the climate changing I.
10. The state of atmosphere and the climate changing II.
11. The state of sea and freshwater
12. Bioremediation
13. Sustainable technologies
14. Biodiversity
15. script test



# UNIVERSITY OF PANNONIA

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### Requirements, evaluation and grading:

Preparation of an essay to the lectures' materials during the semester until the end of the study period.

### Required and recommended readings:

Kerényi Attila: Környezetan. Természet és társadalom globális szempontból. Mezőgazda Kiadó 2003. A.  
Scragg: Environmental biotechnology. Oxford University Press, 2006.