



COURSE DATASHEET

Semester:	2014/15/2
Course:	Engineering aspects of Environmental protection
Code:	VEMKLIB212K
Responsible department:	Research Institute on Bioengineering, Membrane Technology and Energetics
Department code:	MKBME
Responsible instructor:	dr. Csilla Stenger-Kovács

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

COURSE DATASHEET

Semester:	2014/15/2
Course:	Engineering aspects of Environmental protection
Code:	VEMKLIB212K
Responsible department:	Research Institute on Bioengineering, Membrane Technology and Energetics
Department code:	MKBME
Responsible instructor:	dr. Csilla Stenger-Kovács

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.