



SUBJECT DATASHEET

Semester:	2010/11/1
Subject:	Waste Management
Code:	VEMLKVM412H
Responsible department:	Department of Environmental Engineering
Responsible department code:	MKKV
Responsible lecturer:	Dr. Rita Szakácsné Földényi

Educational objectives:

To get theoretical as well as practical knowledge in the field of waste management.

Detailed content of the subject:

1. Waste as a global problem 2. Waste legislation and regulation. 3. National and international standards of waste management. 4. Waste Economic regulation. 5. Waste management plans. 6. Waste reduction opportunities. 7. Inert waste and recovery capabilities. 8. Non-hazardous waste and recovery capabilities with particular regard to priority waste streams (packaging and rubber waste) and to biodegradable fraction. 9. Hazardous wastes and their properties, recovery and treatment methods. 10. Municipal hazardous waste treatment (batteries, electrical and electronic equipment waste, oil waste, medical wastes, medicines, animal waste and car wrecks) 11. The heat utilization and its regulation. 12. The waste disposal and its regulation.

Requirements:

written exam

Required and suggested references:

Barótfi István (szerk.): Környezettechnika, Mezőgazda Kiadó, Budapest, 2000. Szabó Imre: Hulladékéelhelyezés, Miskolci Egyetemi Kiadó, Miskolc, 1999. Lábod József: Veszélyes hulladékok égetése, korszerű égetőművek üzemeltetése 1-2., Neti Kft. Budapest, 2000. http://www.ktm.hu/jogszabalyok2.php?type=2&sub_section_id=16, 2005-06-22 <http://www.kvvm.hu/szakmai/hulladekgazd/>, 2005-06-22