



## SUBJECT DATASHEET

<b>Semester:</b>	2010/11/2
<b>Subject:</b>	Soil Science Laboratory Practice
<b>Code:</b>	VEMKFTB232T
<b>Responsible department:</b>	Department of Earth and Environmental Sciences
<b>Responsible department code:</b>	MKFT
<b>Responsible lecturer:</b>	Dr. Rita Szakácsné Földényi

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### Educational objectives:

Acquaint the students with the Hungarian soils and the methods of their characterization.

### Detailed content of the subject:

? Physical characterization of the soils. ? Chemical characterization of the soils. ? Determination of the hydrolytic acidity. ? Determination of specific surface. ? Determination of mineral composition of the soil. ? Investigation of particle size distribution of the soil. ? Biological study of the soils. ? Excursion.

### Requirements:

Participation in the laboratory practice, documentation of the work, one written successful paper at the end of the term. Grading is based on the work in the whole semester as well as on the result of the paper.

### Required and suggested references:

Stefanovits P.: Talajtan. Mezőgazda Kiadó, 1992. Filep Gy.: Talajkémia. Akadémiai Kiadó, Budapest, 1988.  
Bardgett, R.: The Biology of Soil. A community and ecosystem approach. Oxford University Press, 2005.