



COURSE DATASHEET

Semester:	2014/15/1
Course:	Modern Methods in Environmental Analysis Laboratory Practice
Code:	VEMKKAB131K
Responsible department:	Department of Analytical Chemistry
Department code:	MKKA
Responsible instructor:	Krisztián Horváth

Course objectives:

An understanding of the principles and techniques of environmental analysis

Course content:

1. Ion-chromatography (water analysis) 2. RP-Liquid Chromatography (analysis of aromatic compounds) 3. Gas-chromatography /Mass spectrometry 4. Atomspectroscopy (trace metal analysis) 5. FT-IR Spectroscopy (environmental pollutants)

Requirements, evaluation and grading:

The accomplishment of the allocated measurements.

Required and recommended readings:

80 oldalas előadásvázlat és ábrák fénymásolt változatban a hallgatók rendelkezésére állnak.