



## COURSE DATASHEET

<b>Semester:</b>	2016/17/1
<b>Course:</b>	Modern Methods in Environmental Analysis Laboratory Practice
<b>Code:</b>	VEMKKAB131K
<b>Responsible department:</b>	Department of Analytical Chemistry
<b>Department code:</b>	MKKA
<b>Responsible instructor:</b>	Krisztián Horváth

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### 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.