



COURSE DATASHEET

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| Semester: | 2014/15/2 |
| 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.