**Level:** PhD  

**Course title:** Selected Topics in Environmental Analysis (DSH-617)  

**Status:** Elective  

**ECTS:** 15  

**Requirements:** None  

**Learning objectives**  
To provide broad and balanced knowledge of key chemical concepts from selected topics in environmental analysis. Students who are oriented to analytical chemistry will be provided with a detailed insight into important principles and modern methods of analysis of atmosphere, hydrosphere or soil.  

**Learning outcomes**  
Mastering the principles and methods of modern analysis of a chosen environment material.  

**Syllabus**  

*Theoretical instructions*  
Legislation in this field. Sampling and review of modern methods of analysis of a chosen material (atmosphere, hydrosphere or soil). Collecting and analyzing of data. Quality assurance in environmental analysis.  

*Other forms of teaching*  
Review of the literature. Project preparation.  

**Weekly teaching load**  

| Lectures: 5 | Exercises: / | Other forms of teaching: 5 | Student research: / | Other: / |