**Level:** PhD  
**Course title:** Selected Methods of Instrumental Analysis (DSH-706)  
**Status:** Elective  
**ECTS:** 15  
**Requirements:** None  

**Learning objectives**  
Detailed insight into chemical and physico-chemical characteristics, instrumental aspects and application of the selected methods of instrumental analysis.  

**Learning outcomes**  
Mastered necessary knowledge that will enable the students for proper application of instruments for physico-chemical analysis of various materials and for solving complex analytical problems.  

**Syllabus**  

*Theoretical instructions*  

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

**Weekly teaching load**  

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