

Level: PhD				
Course title: Selected Topics in Electrochemistry (DSH-605)				
Status: Elective				
ECTS: 15				
Requirements: None				
Learning objectives To provide students with modern theoretical and practical information of new accomplishments of the selected fields of electrochemistry, with a special attention to the possibilities of their application for industrial or scientific purposes.				
Learning outcomes Upon completion of this course, the student should be able to understand modern achievements from a particular field in order to be successful in their application in practice.				
Syllabus <i>Theoretical instruction</i> By choice of the student: electrochemical energy conversion. Organic electrochemistry. Bioelectrochemistry. Electrochemistry and pure environment. Photoelectrochemistry. <i>Practical instruction</i> Student's project: Search of the literature, analysis and discussion of achievements in contemporary scientific publications from a selected field of electrochemistry.				
Weekly teaching load				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	