

Level: bachelor				
Course title: Reactive Intermediates			IHO-507	
Status: elective				
ECTS: 6				
Requirements: none				
Learning objectives Expanding the knowledge base of reactive intermediates (theory, mechanism, synthesis, structure, and stereochemistry) and their applications in modern organic synthesis.				
Learning outcomes After successfully completing the course, the student is able to understand the importance of reactive intermediates and apply knowledge in solving specific problems in organic synthesis.				
Syllabus <i>Theoretical instruction</i> Carbocations. Carbanions. Radicals. Carbenes. Nitrenes. Miscellaneous Intermediates. Structures and geometry of reactive intermediates, generation, stability and application in organic synthesis. <i>Practical instruction</i> Laboratory synthesis of organic compounds.				
Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	