

Level: Specialist academic studies of chemistry				
Course title: Chemistry of Natural carboxylic acids and derivatives				DSH-618
Status: elective				
ECTS: 15				
Requirements: none				
Learning objectives Introduce students to the interesting reactions of the selected natural carboxylic acids.				
Learning outcomes Mastering theoretical and practical knowledge about chemistry of structurally very different carboxylic acids.				
Syllabus <i>Theoretical instruction</i> Chemistry of the selected classes of carboxylic acids and their derivatives. Synthesis of some biologically active functional derivatives or industrial interesting natural carboxylic acids and their derivatives. Reactions of carboxylic acids with organometallic reagents. α -Halogenation of carboxylic acids. Chemical transformations of esters. Reactions of polyfunctional natural carboxylic acids. <i>Practical instruction</i>				
Weekly teaching load				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	