

Level: PhD				
Course title: Selected chapters from natural products chemistry, (DSB601)				
Status: elective				
ECTS: 15				
Requirements: none				
Learning objectives Introduce students to those natural compounds that have elucidated the structure, biological effects and possible use in human or veterinary medicine.				
Learning outcomes Gain knowledge about the representatives of natural products in terms of isolation, structural characteristics, their synthetic application and mechanism of biological effects.				
Syllabus <i>Theoretical instruction</i> Types and mechanisms of reactions in the biosynthesis and synthesis of natural products. Synthesis and structure determination of complex natural products containing carbohydrates. Synthesis and biological activity of natural products and analogues of interest to the Medicine and Pharmacy. <i>Practical instruction</i>				
Weekly teaching load				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	