

Level: specialist				
Course title: DESIGN OF STUDY MATERIAL IN CHEMISTRY				SPH-611
Status: elective				
ECTS: 5				
Requirements: none				
Learning objectives Enabling students for independent design of printed and electronic study material in accordance with accepted standards.				
Learning outcomes <i>After successful completion of the course, a student is able to:</i> <ul style="list-style-type: none"> • explain pedagogical fundamentals of design of instructional material, • explain the properties (elements, advantages and disadvantages) of printed and electronic study material, • list the standards for writing textbooks, • explain standards for the design of electronic textbooks and other learning material (scorm standard, metadata), • define copyright problems related to electronic study material. 				
Syllabus <i>Theoretical instruction</i> Definition and types of study material. Pedagogical fundamentals of the design of instructional materials. Printed textbooks. Electronic textbooks and other electronic media. Standards in writing textbooks. Standardization of digital materials. SCORM standard, metadata. Advantages and disadvantages of printed and electronic materials. Multimedia study material. Copyright over printed and digital work. <i>Practical instruction</i> is designed in accordance with the theoretical syllabus.				
Weekly teaching load				Other:
Lectures: 2	Exercises:	Other forms of teaching: 2	Student research:	