

Level: bachelor				
Course title: Educational Software				
Status: elective for the module of <i>Information Technologies</i> , elective for the module of <i>Computer Science</i>				
ECTS: 7				
Requirements: None				
Learning objectives Training future teachers of informatics to understand methods and work principles of the ready-made software for classroom use, and for handling them through the creation of own lectures using various tools.				
Learning outcomes <i>Minimal:</i> Students should be practically prepared to use educational software packages presented during the lectures, and be able to create own multimedia lessons for the area of expertise. <i>Desirable:</i> Student should understand the general principles of work of educational software applications, should be able to adjust and use in everyday teaching any software encountered in practice, be able to critically analyze and choose the most appropriate educational software for usage in individual fields, and able to create own multimedia lessons.				
Syllabus <i>Theoretical instruction</i> Basic notions and definitions. Basic elements of electronic methodologies, didactics and pedagogy. History of educational software and usage examples. Principles of creation of educational software. Analysis of meta-models of educational software. Use of the Internet as educational media. <i>Practical instruction</i> Detailed presentation of abilities, training and use of at least two specific educational software applications. Application of educational software for creation of electronic lessons on a given topic. Presentation of tools for use of the Internet as educational media and creation of the Internet electronic lesson.				
Weekly teaching load				Other:
Lectures: 2	Exercises: 4	Other forms of teaching:	Student research:	