



1.	Course title	Information Systems Anaysis and Design
2.	Course code	ИC-И-06
3.	Semester	9
4.	Unit offering the course	Faculty of Computer Science and Engineering
5.	ECTS	6
6.	Goals of the study programme	
		The student will gain expertise for analysis, design and modeling of information systems.
7.	Contents of the study programme	
		Modeling and analysis of business information systems. Conceptual modeling of information systems. Methodologies for information systems development. Usage of the UML for representation of the analysis, design and implementation phases in development of information system. Development of feasibility study of the user requirements. Ontology-based modeling of information systems. Risk modeling for information systems. Testing and maintenance of information systems. Examples of analysis and design of IS from different fields.