



1.	<b>Course title</b>	Research methodology in ICT
2.	<b>Course code</b>	F18L3W126
3.	<b>Semester</b>	7
4.	<b>Unit offering the course</b>	Faculty of Computer Science and Engineering
5.	<b>ECTS</b>	6
6.	<b>Goals of the study programme</b>	
	The aim of the course is for students to become familiar with the basics of research methodologies in ICT. Upon completion of the course, candidates will have a deeper knowledge of ICT research methodologies, can conceive and conduct scientific research, and write a report on scientific research.	
7.	<b>Contents of the study programme</b>	
	Introduction to ICT research methodology. Phases in the research. First phase - planning to be explored. Second phase - planning the research. Third phase - implementation of the research. Basic concepts in computer science: computing, complexity, systems, information. Modern trends in computer - networks, connectivity, open data, related data, data science, machine learning, artificial intelligence. Conclusion - ICT technologies	