

## Specification for the book of courses

<b>Study program</b>		Communications and Information Technologies		
<b>Module</b>		Common		
<b>Type and level of studies</b>		Master studies		
<b>The name of the course</b>		Study and Research Work		
<b>Lecturer (for lectures)</b>				
<b>Lecturer/associate (for exercises)</b>				
<b>Lecturer/associate (for OFE)</b>				
<b>Number of ECTS</b>	7	<b>Course status (obligatory/elective)</b>	Obligatory	
<b>Prerequisites</b>				
<b>Course objectives</b>	Application of basic, theoretical-methodological, scientific-professional and applied knowledge and methods to solve concrete problems. The student studies the problem, its structure and complexity, and on the basis of the conducted analysis, concludes the possible ways of solving it. By studying literature students are introduced to methods and engineering practice for solving similar tasks.			
<b>Course outcomes</b>	Training students to independently apply previously acquired knowledge from different areas they have studied, in order to examine the structure of the given problem and to analyze it in a systematic way, with the final goal to make conclusions about possible solutions. Through self-use of literature, students expand their knowledge by studying various methods and papers related to similar issues. In this way, students develop the ability to conduct analyzes and to identify problems within the given issues. By the practical application of acquired knowledge, students develop the ability to see the place and role of engineers in the selected area, as well as the need for cooperation with other professions and for the teamwork.			
<b>Course outline</b>				
<b>Theoretical teaching</b>				
<b>Practical teaching (exercises, OFE, study and research)</b>				
<b>Textbooks/references</b>				
1				
2				
3				
4				
5				
<b>Number of classes of active education per week during semester/trimester/year</b>				
<b>Lectures</b>	<b>Exercises</b>	<b>OFE</b>	<b>Study and research work</b>	<b>Other classes</b>
			14	
<b>Teaching methods</b>				
<b>Grade (maximum number of points 100)</b>				
<b>Pre-exam duties</b>	<b>Points</b>	<b>Final exam</b>		<b>Points</b>
<b>Activity during lectures</b>		<b>Written exam</b>		
<b>Exercises</b>		<b>Oral exam</b>		50
<b>Colloquia</b>				
<b>Projects</b>	50			