

## Subject specification for book of subjects

<b>Study program</b>		Computing and Informatics		
<b>Module</b>		Joint		
<b>Type and level of study</b>		Master studies		
<b>Subject title</b>		Master Thesis		
<b>Teacher (for lectures)</b>				
<b>Teacher/assistant (for practice)</b>				
<b>Teacher/assistant (for other types of t</b>				
<b>Number of ECTS</b>		15	<b>Subject status (obligatory/elective)</b>	Obligatory
<b>Condition</b>				
Preparation of master thesis aims to bring together, validation and practical application of the knowledge acquired during master studies. The student will have the opportunity to demonstrate the capacity to carry out a project individually, which can be of practical, research or theoretical-methodological character. Students also gain experience in the presentation of their work in the form of a written and oral presentation.				
<b>Subject goal</b>				
Ability to conduct an individual project, formulate and analyze a problem and carry out a critical review of possible solutions. The application of the acquired engineering and design knowledge and skills to problem solving, having in mind the complexity, cost, reliability and efficiency of solutions. Ability to write the thesis in the given form. The ability of a clear explanation of the completed project through the oral presentation of the work.				
<b>Learning outcome</b>				
<b>Subject content</b>				
Master thesis is an individual research, practical, or theoretical-methodological work of the student in accordance with the level of studies, in which he / she becomes familiar with a certain field through a literature review, and adopts research and design methodology, necessary for the creation of the thesis. Developing the thesis, the student applies the practical and theoretical knowledge acquired during the studies. In the written form, the thesis contains an introductory chapter, the problem definition, an overview of the field and of existing solutions, a proposal and a description of the solution, the conclusion and references. Public thesis defense is organized in front of a commission of three members, where one is mentor of the thesis. During the oral presentation, the candidate explains the results of his work, and answers questions of the commission members, by which the candidate demonstrates the ability of oral presentation of his project.				
<b>Theoretical lectures</b>				
<b>Practical lectures (practice, other types of teaching, research)</b>				
<b>Literature</b>				
1				
2				
3				
4				
5				
<b>Number of classes of active teaching weekly during semester/trimester/year</b>				
<b>Lectures</b>	<b>Practice</b>	<b>OTT</b>	<b>Research work</b>	<b>Other classes</b>
<b>Types of teaching</b>				
<b>Assessment (maximum 100 points)</b>				
<b>Pre-exam requirements</b>	<b>Points</b>	<b>Final exam</b>		<b>Points</b>
<b>Activities during lectures</b>		<b>Written exam</b>		70
<b>Practical</b>		<b>Oral exam</b>		30

Colloquium			
Seminar papers			