



RTU Course "Master Thesis"
12308 Programmatūras inženierijas katedra

General data

Code	DIP002
Course title	Master Thesis
Course status in the programme	Graduation Test
Course level	Post-graduate Studies
Course type	Academic
Responsible instructor	Zaiceva Larisa
Academic staff	Prokofjeva Natālija
Volume of the course: parts and credits points	1 part, 20.0 Credit Points, 30.0 ECTS credits
Language of instruction	LV, EN, RU
Possibility of distance learning	Not planned
Abstract	The Master Thesis is author's original research work, where techniques, methodologies, technologies, development tools, computer systems and languages for solving issues in the field of information technology and communication are assessed and integrated analytically, experimentally, or practically.
Goals and objectives of the course in terms of competences and skills	The aim of the Master Thesis is to provide students an opportunity to solve a research task, to make a well-founded decision, to state and present obtained results sequentially and ground his/her arguments on facts, demonstrating his/her capabilities in researching and discussing at a highly professional level.
Recommended literature	1. Norādījumi studiju noslēguma darba noformēšanai / H.Guļevskis. – Rīga: RTU, 2001. – 13 lpp. 2. L. Novickis, T. Rikure. Metodiskie norādījumi specializācijas "Lietišķo datorsistēmu programmatūra" maģistra darba izstrādāšanai un aizstāvēšanai. – Rīga, 2008. – 22 lpp.

Learning outcomes and assessment

Learning outcomes	Assessment methods
Is able to analyze, classify, compare ideas stated in scientific research and technical literature sources according to the work objective.	Scientific advisor and reviewer have positively assessed the completeness and topicality of analytical overview of the literature.
Is able to apply considered techniques, methodologies, technologies, development tools, computer systems and languages for task solving.	Scientific advisor and reviewer have positively assessed the application of techniques, methodologies, technologies etc. and confirm that the application was conducted in compliance with the Thesis objectives.
Knows how to formulate issues, which exist in the research field, and is able to state assumptions about these issues.	Clear, accurate, and grounded on facts statements of discovered issues and their causes are included in the Master Thesis.
Knows how to integrate the obtained knowledge and to state assumptions about possible solutions of existing issues.	Scientific advisor and reviewer have positively assessed the solutions proposed in the Thesis.
Is able to ground his/her decisions about solutions.	Scientific advisor and reviewer have positively assessed the solutions proposed in the Thesis.
Is able to present, to argumentatively explain and discuss aspects of his/her work in public.	Final Examination Commission has positively evaluated the Master Thesis that has been independently elaborated and formatted in accordance with the requirements for academic Master Degree.

Study subject structure

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	20.0	30.0	0.0	0.0	0.0			*