RTU Course "Master Thesis"

33000 Faculty of Computer Science, Information Technology and Energy

General data

Code	DE0744
Course title	Master Thesis
Course status in the programme	Graduation Test
Responsible instructor	Mārīte Kirikova
Volume of the course: parts and credits points	1 part, 30.0 credits
Language of instruction	LV, EN
Annotation	The master thesis is author's original research, where methods, models, techniques and prototypes applicable for solving tasks in the field of business informatics are analytically or experimentally assessed and/or integrated and/or designed..
Goals and objectives of the course in terms of competences and skills	The purpose of the master thesis is to give students an opportunity to apply their knowledge and skills in the field of scientific research in order have firm grounding for post graduate studies; to further develop their competence in decision making, problem identification, analysis, and solving, as well as to promote creativity and sharpen professional discussion and presentation skills.
Recommended literature	Obligāti/Mandatory 1. Paul Johannesson and Erik Perjons, An Introduction to Design Science, Springer, 2021 2. A. Anohina-Naumeca. Norādījumi studiju noslēguma darbu noformēšanai. Rīga: RTU Izdevniecība, 2021. 34 lpp. ISBN 978-9934-22-696-0, Pieejams: https://ebooks.rtu.lv/product/noradijumi-studiju-nosleguma-darbu-noformesanai Ieteicams/Optional How to Organize your Thesis http://www.sce.carleton.ca/faculty/chinneck/thesis.html

Learning outcomes and assessment

Learning outcomes	Assessment methods
Students are able to analyse, classify, and compare ideas expressed in scientific and professional sources pertaining to the tasks of their master thesis.	Positive supervisor's and reviewer's assessment of the related work section of the thesis.
Students will be able with scientific rigor to apply appropriate methods, models, tools, and technologies for solving the tasks of business informatics.	Positive supervisor's and reviewer's assessment of the use of methods, models, techniques etc. for solving the master thesis tasks.
Students will be able to identify and formulate research problems in the field of business informatics and make assumptions with respect to their causes.	Positive supervisor's and reviewer's assessment of clarity and validity of problem definition.
Students will be able to integrate acquired knowledge and propose solutions for identified problems.	Positive supervisor's and reviewer's assessment of the proposed solutions.
Students will be able to interpret proposed solutions and develop analysis if necessary.	Positive supervisor's and reviewer's assessment of scientific and/or practical applicability of the proposed solutions.
Students will be able to present and explain the results of their research and debate about them publically.	Public defence of master thesis.

Evaluation criteria of study results

Criterion	%
Evaluation of the thesis, presentation and student's answers by the thesis defense committee	100
Total:	100

Study subject structure

Part	CP	Hours			Tests		
		Lectures	Practical	Lab.	Test	Exam	Work
1.	30.0	0.0	0.0	0.0			*