



## RTU Course "Master Thesis"

15D02 Medicīnas fizikas un biomedicīnas inženier.pr.g.

### **General data**

Code	MEE002
Course title	Master Thesis
Course status in the programme	Graduation Test
Course level	Post-graduate Studies
Course type	Professional
Responsible instructor	Jurijs Dehtjars
Volume of the course: parts and credits points	1 part, 20.0 Credit Points, 30.0 ECTS credits
Language of instruction	LV, EN
Possibility of distance learning	Not planned
Abstract	The Professional Master Study Programme concludes with the Master Thesis elaborated in the field of specialization chosen by a student. The Master Thesis should reflect the student's ability to work independently and elaborate the thesis, which meets corresponding scientific criteria.
Goals and objectives of the course in terms of competences and skills	
Recommended literature	A. Balodis. Kvalifikācijas darbu sagatavošanas. METODISKIE NORĀDĪJUMI "Medicīnas inženierija un fizika" programmas studentiem. Rīga, 2006., 24 lpp.

### **Learning outcomes and assessment**

Learning outcomes	Assessment methods
Students are able to analyze, classify, and compare the ideas presented in research and technical literature in accordance with the objectives of the thesis.	Compliance with the objectives of the thesis, scientific adviser's and reviewer's positive evaluation of completeness and topicality of the analytical review of literature
Students are able to formulate problems that exist in the study area and make assumptions about the causes of problems.	The problems examined in the thesis are formulated in a clear, precise and substantiated manner.
Students are able to substantiate their decisions on problem-solving opportunities.	Substantiated solutions to the problems are chosen and analyzed; positive assessment is given by the scientific adviser and reviewer.
Students are able to present, explain and discuss aspects of their theses in public.	The thesis should comply with formatting requirements.

### **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			*