

<b>MASTER'S THESIS</b>						
<b>GENERAL INFORMATION</b>						
Course teacher	Mentor, student					
Associates	-					
Study programme	Graduate University Study of Medical Laboratory Diagnostics					
Course status	mandatory					
Year of study, semester	2 <sup>nd</sup> year, 4 <sup>th</sup> semester					
ECTS credits	6					
Form of teaching (number of classes)	Seminars: 40					
Expected number of students attending the course	1					
<b>COURSE DESCRIPTION</b>						
Course objectives	Under mentor's supervision, the student works on a master's thesis on the Faculty or other institution that enables scientific research, according to the Instructions for writing master's thesis. By passing diploma exam the student proves his competence in applying the knowledge and skills acquired during the study.					
<b>Course entry requirements and competencies needed for the course</b>						
Completed 1 <sup>st</sup> year courses at UGS of Medical Laboratory Diagnostics						
<b>Learning outcomes at study programme level</b>						
<b>1.1, 1.2, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2</b>						
<b>Expected learning outcomes at course level</b>						
After writing and defending master's thesis, students will be able to: <ol style="list-style-type: none"> <li>analyzing, critically evaluating and solving technical and scientific problems within the broader, multidisciplinary context in the field of laboratory biomedicine.</li> <li>independent planning and conducting the analyses of biological samples.</li> <li>preparing and applying novel analytical methods and procedures in medical laboratory practice.</li> <li>independent interpreting of the results of one's own research.</li> <li>writing a structured thesis following the instructions for writing master's thesis.</li> <li>elaborate the obtained results and defend the hypotheses of one's own scientific or professional research work.</li> </ol>						
<b>Course content</b>						
Student's independent work including practical assignments, results analysis and writing the master's thesis under mentor's supervision.						
<b>Forms of teaching</b>						
Seminars; independent assignments.						
<b>Students' responsibilities</b>						
Writing master's thesis						
<b>Monitoring students' work (Connecting learning outcomes, teaching methods and evaluation)</b>						
Teaching activity	ECTS	Learning outcome	Student activity	Evaluation methods	Grade points	
					Min.	Max.
Writing and defending the master's thesis	3 3	1-4 5-6	Practical work	Mentor's evaluation	10	30

			Writing the master's thesis	Completed master's thesis	20	30
			Preparing the presentation and defending the thesis	Defending master's thesis	20	40
<b>Total</b>	<b>6</b>				<b>50</b>	<b>100</b>
<b>Assigned reading (available in the library and in other media)</b>						
<b>Title</b>				<b>Number of copies in the library</b>	<b>Availability in other media</b>	
Per mentor's and student's choice					Yes	
<b>Further reading</b>						
Per student's choice						
<b>Quality assurance methods that ensure the acquisition of exit competencies</b>						
Anonymous, quantitative, standardised students' opinion survey on the course and teacher's work, carried out by the Quality Assurance Office of the Faculty of Medicine in Osijek.						