

<b>Name of the course</b>	<b>Diploma Thesis and final exam</b>			<b>Code</b>	MSE611
<b>Type of study program:</b>	Integrated study program, Medicine			<b>Year of study:</b>	6
<b>Credits (ECTS):</b>	4	<b>Semester:</b>	XII	<b>Number of hours per semester (l+s+e)</b>	100 (0+0+100)
<b>Status of the course:</b>	obligatory	<b>Preconditions:</b>	According to the Rulebook	<b>Comparative conditions:</b>	
<b>Access to course:</b>	Sixth year students			<b>Hours of instructions:</b>	According to schedule
<b>Course teacher:</b>	Head: Assoc. prof. Marko Martinac, MD, PhD				
<b>Consultations:</b>	Mondays and Thursdays from 9 to 10 or according to the deal				
<b>E-mail address and phone number:</b>	<a href="mailto:marko.martinac@tel.net.ba">marko.martinac@tel.net.ba</a> 0038736335600				
<b>Associate teachers</b>					
<b>Consultations:</b>	Mondays and Thursdays from 9 to 10 or according to the deal				
<b>E-mail address and phone number:</b>	<a href="mailto:mef@sum.ba">mef@sum.ba</a> 0038736335600				
<b>The aims of the course:</b>	This course will introduce student to define their research purpose, to divide the main aim into several sub-aims. Afterward the students pose research questions or hypotheses to which they will try to provide well-grounded answers during their research. With the elaboration of the thesis the student must demonstrate the ability to apply theoretical and practical knowledge to an independent discussion of a current expert topic.				
<b>Learning outcomes (general and specific competences):</b>	<p>On completion of the course, the student should achieve general and specific outcomes:</p> <ol style="list-style-type: none"> <li>1. Identify and name the basic determinants of scientific research methodology and writing a science paper</li> <li>2. Set a science research hypothesis independently</li> <li>3. Independently choose and argue the adequate methodological approach to establish, formulate and critically evaluate own research</li> <li>4. Recognize the basic ethic principles of scientific research and writing scientific papers</li> <li>5. Critically choose and use relevant literature</li> <li>6. Publicly present own scientific research results</li> </ol> <p>Outcomes will be evaluated with continuous assessment of thesis plan and oral presentation of diploma thesis and the final exam.</p>				
<b>Course content (Syllabus):</b>	<p>Course contents include students' independent work with the mentor supervision (100 hours). Immediate teaching consisting of 30 hours of exercises is dedicated to making and grading the final form of thesis.</p> <p>Teaching units:  Introduction to scientific work  Historical notes  Preparation of the thesis writing project  What is a scientific paper  Ethics in scientific research  How to write a title  How to prepare a summary  How to write an introduction  How to write a materials and methods section  How to write the results  How to write a discussion  How to express gratitude  How to cite references  How to form effective tables  How to prepare effective graphs  How to write a thesis  Where to submit your manuscript</p>				
<b>Format of instruction (mark in bold)</b>	Lectures	<b>Exercises</b>	Seminars	<b>Independent assignments</b>	

	<b>Consultations</b>	<b>Work with mentor</b>	Field work	Other
	Remarks: The teaching is given mainly as individual consultations with the mentor of thesis and exercises.			
<b>Student responsibilities</b>	Students will be evaluated based on the Rules of studying and Deontological code for MEFMO students.			
<b>Screening student work (mark in bold)</b>	<b>Class attendance</b>	Class participations	Seminar essay	<b>Practical training</b>
	<b>Oral exam</b>	<b>Written exam</b>	Continuous assessment	Essay
<b>Detailed evaluation within a European system of points</b>				
<b>STUDENTS RESPONSIBILITIES</b>	<b>HOURS</b>	<b>PROPORTIONS OF ECTS CREDITS</b>	<b>PROPORTIONS OF MARK</b>	
Attending classes with preparation for writing the thesis	30	1	0%	
Practical work – conducting research	35	1.2	0%	
Written exam – Diploma Thesis	40	1.3	50%	
Oral presentation in front of the Committee	15	0.5	50%	
<b>Total</b>	<b>120</b>	<b>4</b>	<b>100%</b>	
Further clarification:				
<p>The quality of the thesis itself and the oral presentation or public presentation of the thesis in front of the committee is evaluated. The committee consists of three members, one of whom is the student's mentor or commentator, and the other two members are faculty members, one of whom must hold the minimum rank of assistant professor.</p> <p>After the presentation of the work, each committee member questions the student about the work. The final grade is obtained on the basis of the sum of the quality of the thesis itself (assessed by the Commission for the Graduate Thesis with 0-50 points) and the public presentation of the thesis with (assessed by the Commission for the Defense of the Graduate Thesis with 0-50 points).</p> <p>The final assessment is carried out according to the Rulebook on studying at the University of Mostar and applies to all study groups. According to the Study Regulations, the final grade is obtained as follows:  A = 91-100% 5 (excellent)  B = 79 to 90% 4 (very good)  C = 67 to 78% 3 (good)  D = 55 to 66% 2 (sufficient)  F = 0 to 54% 1 (insufficient)</p>				
<b>Required literature:</b>	Gastel B, Day RA. How to Write and Publish a Scientific Paper. 8th ed. Santa Barbara, California: Greenwood; 2016			
<b>Optional literature:</b>	Teaching materials			
<b>Additional information about the course</b>	Students' responsibilities are in accordance to Rules of studying and Deontological code. Methods of monitoring the quality of teaching: <ul style="list-style-type: none"> <li>- student survey</li> <li>- Quality control analysis by the students and teachers</li> <li>- Analysis of passing the exam</li> <li>- The report of the Office for the quality of teaching</li> </ul>			