

NAME OF THE COURSE		Selected Topics in Biochemistry						
Code	PPC207	Year of study			III			
Course teacher	dr. sc. Matilda Šprung, assistant professor	Credits (ECTS)			2.0			
Associate teachers		Type of instruction (number of hours)			L	S	E	F
					15	15		
Status of the course	electional	Percentage of application of e-learning			50%			
COURSE DESCRIPTION								
Course objectives	The goal of the course is to enable and encourage students to deepen their knowledge in the field of biochemistry by following the rapid progress of specific areas and topics of particular personal interest.							
Course enrolment requirements and entry competences required for the course	Biochemistry I							
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> <li>1. recognize areas of biochemistry in rapid development</li> <li>2. recognize relationships between biochemistry and other scientific disciplines (medicine, ecology, agronomy, etc.)</li> <li>3. use scientific literature</li> <li>4. condense the literature studied in the form of a popular science presentation</li> </ol>							
Course content broken down in detail by weekly class schedule (syllabus)	Course topics depend on recent discoveries in biochemistry and the interest of enrolled students. Each student presents one topic, and the instructor presents three topics of interest to enrolled students.							
Format of instruction	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> <i>on line</i> in entirety <input checked="" type="checkbox"/> partial e-learning <input type="checkbox"/> field work			<input checked="" type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)				
Student responsibilities	An 80% of class attendance is required. Students must prepare and present a seminar work.							
Screening student work ( <i>name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course</i> )	Class attendance	0.5	Research		Practical training			
	Experimental work		Report		Exam preparation	0.9		
	Essay		Seminar essay	0.5	(Other)			
	Tests		Oral exam		(Other)			
	Written exam	0.1	Project		(Other)			
Grading and evaluating student work in class and at the final exam	Passing the written exams is determined by 50% of the total score, and the questions are created in accordance with the learning outcomes established for each presentation. The written part of the exam comprises 50% of the total score, and the seminar comprises another 50%.							

	<b>Title</b>	<b>Number of copies in the library</b>	<b>Availability via other media</b>
Required literature (available in the library and via other media)	Selected scientific articles from the journals such are Nature, TIBS, Annual Reviews in Biochemistry, etc., critically evaluated Internet sources.		
Optional literature (at the time of submission of study programme proposal)			
Quality assurance methods that ensure the acquisition of exit competences	Personal consultations, completion of partial exams, student survey to evaluate subject and instructor, evidence of class attendance, analysis of passing rate on final exams.		
Other (as the proposer wishes to add)			