NAME OF THE COURSE	SE Biology in forensic sciences											
Code	PFZ203		Year of study 2									
Course teacher	Damir N profess	Marjanović, Ph.D., or	Credits (ECTS)	6								
Associate teachers	Josip Crnjac, B.A. in biology Livia Slišković, M.Sc. in forensics		Type of instruction (number of hours)	L	S	E	F					
				30	15							
Status of the course	Mandat	cory	Percentage of application of e-learning									
	COURSE DESCRIPTION											
Course objectives	Through this course, students will acquire knowledge about the differences between prokaryotic and eukaryotic cells, their origin and the evolution of the living world. Students will learn about the similarities and differences of plant and animal cells as well as organisms that evolved from these two cell types as well as learn about living communities and ecosystems.											
Course enrolment requirements and entry competences required for the course	The conditions for enrollment are the acquired conditions for enrollment in the second year of study.											
Learning outcomes expected at the level of the course (4 to 10	- Distinguish the structure of prokaryotic and eukaryotic cells - Compare the similarities and differences in the way cells divide											
learning outcomes)	 Distinguish the life cycles of plants and animals Explain the evolutionary processes and origins of life on Earth Compare the meanings of plants and animals in forensics 											
Course content broken down in detail by weekly class schedule (syllabus)	Topics	houi	rs									
	Introd	1										
	Traits	2										
	The ch	2										
	The or	2										
	Prokai	3										
	Cellula	3										
	Cell di	3										
	Plant a	3										
	Impor	3										
	Plants	3										
	Plant	3										
	The im	2										
	Seminar paper: Processing of given topics and preparation and presentation of independent work											

Format of instruction Student		rety ling oliged to a	ttend and regu	☑ independent assignments ☑ multimedia ☐ laboratory ☐ work with mentor ☐ (other) Ularly follow the classes and carry out the given							
responsibilities	tasks. During the semester, records of class attendance are kept. The condition for taking the exam is a minimum of 70% attendance of the total number of classes.										
Screening student work (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)	Class attendance Experimental	1	Research		Practical training	g					
	work		Report		(Other)						
	Essay		Seminar essa	y 2	(Other)						
	Tests		Oral exam		(Other)						
	Written exam	Vritten exam 3 Project			(Other)						
Grading and evaluating student work in class and at the final exam	Students will be evaluated for attending classes in the amount of 10% of the total grade, seminar paper in the amount of 20% of the total grade and the result achieved in the exam in the amount of 70% of the total grade.										
Required literature (available in the library and via other media)			Number of copies in the library	Availability via other media							
	1. Geoffrey M. Cooper, Robert E. Hausman – Cell- molecular approach, Medicinska naklada (2010)										
	2. D. Denffer & H. Ziegler: Botanika (Morfologija I Fiziologija), Školska knjiga, Zagreb, 1982										
Optional literature (at the time of submission of study programme proposal)	Materials from lo	ectures and	d practical wor	k							
Quality assurance methods that ensure the acquisition of exit competences	 Analysis of study success in all study subjects Student survey on the quality of teachers and teaching The exam conducted by the subject teacher checks all learning outcomes 										
Other (as the proposer wishes to add)											

2. D. Denffer & H. Ziegler: Botanika (Morfologija I Fiziologija), Školska knjiga, Zagreb, 1982