NAME OF THE COURSE	Botany in Picture					
Code	PMB415	Year of study				
Course teacher	Professor Valerija Dunkić, PhD.	Credits (ECTS)	2			
Associate teachers	Marija Nazlić, assistant	Type of instruction (number of hours)	L	S	E	F
			15		15	
Status of the course	Elective course	Percentage of application of e-learning	10			

COURSE DESCRIPTION

Course objectives	The aim of this course is to introduce the anatomical and morphological characteristics of wild plants and display their microscopic appearance with a touch of art
Course enrolment requirements and entry competences required for the course	Botany
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	After passing the course students will be able to: 1. Describe the anatomical and morphological structure of plants 2. master the technique of making herbal preparations and light microscopy 3. appreciate the importance and beauty of the plant variety 4. Understanding and application of acquired knowledge about the importance of of ecologically clean plants and botany 5. the amateur level display through the art of photography
Course content broken down in detail by weekly class schedule (syllabus)	Lectures: / Exercises: 1. Collection, identification and recording of plant material (3+2) 2. Methods of plant tissue and microscopy (3+2) 3. Analysis and identification of plant tissues (3+2) 4. Processing of micro and macro photography (3+6) 5. Creating images and set up exhibitions at the Department of Biology (3+3)

Format of instruction		
	☒ lectures ☐ seminars and workshops ☒ exercises ☐ *on line* in entirety ☐ partial e-learning ☐ field work	☐ independent assignments ☐ multimedia ☒ laboratory ☐ work with mentor ☐ (other)
Student responsibilities	The student must attend 70% of lectures and actively do 100% of laboratory exercises, and pass a written and oral exam	

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	0.5	Research		Practical training	0.5
	Experimental work	1	Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests		Oral exam	0.5	(Other)	
	Written exam		Project		(Other)	

Grading and evaluating student work in class and at the final exam	Written and oral examination

	Title	Number of copies in the library	Availability via other media
Required literature (available in the library and via other media)	A. Fahn: Plant Anatomy, Pergamon Press, Oxford-NewYork-Toronto, Sydney, Pariz, Frankfurt, 1990.		
	A. Fahn and D.F. Cutler: Xerophytes, Gebrüder Borntraeger, Berlin-Stuttgart, 1992.		
	D. Denffer & H. Ziegler: Botanika (Morfologija i fiziologija), Školska knjiga, Zagreb, 1982		
Optional literature (at the time of submission of study programme proposal)	A. W. Robards: Botanical Microscopy, Oxford University Press, 1985		
Quality assurance methods that ensure the acquisition of exit competences	Quality monitoring will be performed at three levels: (1) University (2) Faculty Level by the Commission for improvement the quality of teaching, (3) teacher level.		
Other (as the proposer wishes to add)			