

NAME OF THE COURSE		Field Training in Plant Ecology and Geobotany				
Code	PMB247	Year of study	1			
Course teacher	Higher lecturer Juraj Kamenjarin, PhD	Credits (ECTS)	1			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
						30
Status of the course	Mandatory	Percentage of application of e-learning				
COURSE DESCRIPTION						
Course objectives	On a practical way to adopt the knowledge of the interrelationship between plants and the environment, and how plants adopted influence of abiotic and biotic environmental factors. The aim of the course is to link environmental factors with the distribution of plants and plant communities. Understand how the emergence of endemic species, relict and biodiversity as well as the impact of human activities on them. Become familiar with the laws of the vertical and horizontal distribution of vegetation units in Croatia.					
Course enrolment requirements and entry competences required for the course	No conditions					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Student will be able to:</p> <ol style="list-style-type: none"> 1. Detect legality as well as the types of vertical and horizontal distribution of Croatian vegetation. 2. Based on scientific research and scientific data estimate how negative changes in environmental conditions affect the quality of the environment 3. Recognize life forms and methods of propagation of plants as well as the circumstances in which plant species are endemic 4. Evaluate the importance of the results of research and routine analysis with data linking from scientific and professional literature in the field of environmental sciences. 5. Analyze the influence of human activities and structures (settlements, transport) on the environment, geological resources, geographical and biological attractions 6. Apply GIS techniques in the development of geospatial databases and thematic maps in analog and digital format 7. Analyse the consequences of geographical impact, climate extremes and climate change and their impact on the environment and living organisms and their communities 					
Course content broken down in detail by weekly class schedule (syllabus)	<p>Lectures:</p> <p>Introducing vegetation units as a result of various abiotic and biotic environmental factors on Marjan hill in Split, Cetina River canyon, Lika, Smiljan, Perušić, Otočac, Kuterevo, Krasno, Zavižanj, St. George on the island of Rab, Zavratnica and Baske Oštarije.</p>					
	<input type="checkbox"/> lectures		<input type="checkbox"/> independent assignments			

Format of instruction	<input type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> <i>on line</i> in entirety <input type="checkbox"/> partial e-learning <input checked="" type="checkbox"/> field work		<input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)			
Student responsibilities						
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	1	Research		Practical training	
	Experimental work		Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student work in class and at the final exam	Oral exam					
Required literature (available in the library and via other media)	Title			Number of copies in the library	Availability via other media	
	Trinajstić I. (2005): Ekologija bilja i geobotanika – interna skripta. PMF Split.				Available at teacher in print and in electronic form	
	Kamenjarin J. (2016): Ekologija bilja i geobotanika – power point predavanja				Available at teacher in electronic form	
Optional literature (at the time of submission of study programme proposal)	Gračanin M., Ilijanić LJ., 1977: Uvod u ekologiju bilja, Školska knjiga, Zagreb. Šegulja N., Hršak V., 1988: Priručnik za fitocenološka i ekološka istraživanja vegetacije. Mala ekološka biblioteka Hrvatskog ekološkog društva, Zagreb. Šegulja N., Topić J., 1994: Vodič za terensku nastavu iz geobotanike i ekologije bilja. PMF, Zagreb., Zagreb					
Quality assurance methods that ensure the acquisition of exit competences	Active participation in class, consultation.					
Other (as the proposer wishes to add)						