

NAME OF THE COURSE		Field Training in Animal Ecology and Zoogeography				
Code	PMB244	Year of study	1			
Course teacher	Professor Mate Šantić, PhD	Credits (ECTS)	0.5			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
						15
Status of the course	Mandatory	Percentage of application of e-learning	10%			
COURSE DESCRIPTION						
Course objectives	Recognize and identify organisms in different biotopes as well as understand influences of various abiotic factors to animal adaptations in environment.					
Course enrolment requirements and entry competences required for the course	None.					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. Connect biotic and abiotic factors with the adaptations of animals to different environments.</li> <li>2. Use absolutely and relative methods for test density of population.</li> <li>3. Collect, prepare and identify different animal species; determine marine species at littoral part of sea and freshwater.</li> <li>4. Differentiate nektonic, sessile and sedentary organisms.</li> <li>5. Identify characteristic marine species.</li> <li>6. Understand zoogeography properties and difference between different part of Croatia.</li> </ol>					
Course content broken down in detail by weekly class schedule (syllabus)	<p>Lectures: / Exercises:</p> <ol style="list-style-type: none"> <li>1. Evaluation and measure density of population, numbers and biomass of species in different biotopes.</li> <li>2. Application of Relative and Absolutely methods.</li> <li>3. Measure physical and chemical factors on land and in marine and freshwater biotopes.</li> <li>4. Collecting, preparing and identifying species in littoral zone of marine and freshwater.</li> <li>5. Fauna in different parts of Croatia.</li> <li>6. Fauna in National Park North Velebit.</li> <li>7. Fauna of island Rab.</li> <li>8. Cave fauna (Cerovac caves).</li> </ol>					
Format of instruction	<input type="checkbox"/> lectures <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"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)			
Student responsibilities	Active participation and attendance in field training.					
Screening student work ( <i>name the</i>	Class attendance		Research		Practical training	

<i>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>	Experimental work		Report		Field work	0.5
	Essay		Seminar essay		(Other)	
	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student work in class and at the final exam	Exam in subject Animal Ecology and Zoogeography includes checking knowledge from Field Training in Animal Ecology and Zoogeography.					
Required literature (available in the library and via other media)	<b>Title</b>				<b>Number of copies in the library</b>	<b>Availability via other media</b>
	Biological biodiversity of Croatia. Priručnici za inventarizaciju i praćenje stanja. 2008. DZZP, Zagreb					
	Garms H, Borm L. 1981. European Fauna. Mladinska knjiga, Ljubljana.					
	Jardas I, Pallaoro A, Vrgoč N, Jukić Peladić S, Dadić V. 2008. Red book of Croatian marine fishes. Ministarstvo kulture, Državni zavod za zaštitu prirode RH.					
	Janev Hutinec B, Kletečki E, Lazar B, Podnar Lešić M, Skejić J, Tadić Z, Tvrković N. 2006. Red book of croatian amphibians and reptiles, Ministarstvo kulture, Državni zavod za zaštitu prirode RH.					
	Antolović J, Frković A, Grubešić M, Holcer D, Vuković M, Flajšman E, Grgurev M, Hamidović D, Pavlinić I, Tvrković N. 2006. Red book of Croatian mammals. Ministarstvo kulture, Državni zavod za zaštitu prirode RH.					
Optional literature (at the time of submission of study programme proposal)	Jardas I. 1996. Adriatic Ichthyofauna. Školska knjiga: Zagreb. 553 pp. Ridl R. 1983. Fauna und flora des Mittelmeeres. Verlag Paul Parey. Hamburg und Berlin.					
Quality assurance methods that ensure the acquisition of exit competences	Students surveys and consultation.					
Other (as the proposer wishes to add)						