

NAME OF THE COURSE		Field Training in Vertebrates					
Code	PMB033	Year of study	3				
Course teacher	Professor Mate Šantić, PhD	Credits (ECTS)	0.5				
Associate teachers	Assistant Professor Antonela Paladin, PhD	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	Adopt knowledge to identify various species of Vertebrates that live in Croatia. Also, recognize and understand the biology of various species of fish, amphibians, reptiles, birds and mammals that are characteristic species of the coastal part of Croatia and compare the fauna of the coastal part with the fauna of the other parts of Croatia. From collected species create vertebrate collection.						
Course enrolment requirements and entry competences required for the course	Passed exams in General Zoology, Avertebrates, Human anatomy.						
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. Identify different types of cartilage and bony fishes from Adriatic sea.</li> <li>2. Compare the adaptation of fish species in accordance with bottom and sediment where they live.</li> <li>3. Analyze the biology of some fish species.</li> <li>4. Identify characteristic species of amphibians and reptiles in the coastal part of Croatia.</li> <li>5. Determine characteristic birds and mammals in Croatia.</li> <li>6. Make a vertebrate collection.</li> </ol>						
Course content broken down in detail by weekly class schedule (syllabus)	<p>Lectures:</p> <ol style="list-style-type: none"> <li>1. Identify marine fish species which are collected by bottom-trawl (1 hour).</li> <li>2. Identify fauna in National park Krka (3 hours).</li> <li>3. Describe and identify birds from Neretva valley (Natural history museum Metković) (3 hours).</li> <li>4. Recognize fish species from Adriatic Sea (Institute for Marine and Coastal Research - Aquarium Dubrovnik) (4 hours).</li> <li>5. Recognize different Vertebrates (Natural history Museum Dubrovnik) (4 hours).</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	Attendance of field work						
Screening student work (name the proportion of ECTS credits for each activity so that the total number of	Class attendance		Research		Practical training	0.5	
	Experimental work		Report		(Other)		
	Essay		Seminar essay		(Other)		

<i>ECTS credits is equal to the ECTS value of the course)</i>	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student work in class and at the final exam	Written exam in Vertebrates include checking knowledge from Field Training in Vertebrates.					
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>	
	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.			1		
	Janev Hutinec B, Kletečki E, Lazar B, Podnar Lešić M, Skejić J, Tadić Z, Tvrtković N. 2006. Red book of Croatian amphibians and reptiles. Ministarstvo kulture, Državni zavod za zaštitu prirode RH.			1		
	Antolović J, Frković A, Grubešić M, Holcer D, Vuković M, Flajšman E, Grgurev M, Hamidović D, Pavlinić I, Tvrtković N. 2006. Red book of Croatian mammals. Ministarstvo kulture, Državni zavod za zaštitu prirode RH.			1		
Optional literature (at the time of submission of study programme proposal)	Jardas I. 1996. Adriatic ichthyofauna. Školska knjiga Zagreb. Rucner D. 1998. Birds of Croatian coast. Hrvatski prirodoslovni muzej, Ministarstvo razvitka i obnove.					
Quality assurance methods that ensure the acquisition of exit competences	Active participation in Field Training in Vertebrates, consultation.					
Other (as the proposer wishes to add)						