NAME OF THE COURSE	Field Training in General Zoology					
Code	PMB014	Year of study	1			
Course teacher	Associate Professor Biljana Apostolska, PhD	Credits (ECTS)	0,5			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
			15			
Status of the course	regular	Percentage of application of e-learning	10%			

COURSE DESCRIPTION	
Course objectives	To learn how to use the different techniques of the field examinations in zoology in a way to know how to collect, prepare, conservate and make a determination of collected material using the determination keys.
Course enrolment requirements and entry competences required for the course	There are no entry competencies
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Student will be able to: 1. to make a diary of field training 2. to collect and determinate using the key for determination different groups of collected animals 3. to use different kind of the equipment for the field training 4. to use different kind of technique for collecting the samples
Course content broken down in detail by weekly class schedule (syllabus)	Three all day excursions on a three different biotopes: 1. freshwater 2. terrestrial 3. sea biotopes 4. laboratory work in preparation, conservation and determination of the collected material
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	To participate in full

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	
	Experimental work		Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	

Grading and evaluating student	- seminar presentation

work in class and at the final exam			
	Title	**Number of copies in the library**	**Availability via other media**
Required literature (available in the library and via other media)	Campbell, A. Guide to seashores and shallow seas of Britain and northern Europe. Philip's, London.		
	Grubišić, F., 1990: Ribe, rakovi i školjke Jadrana. Naprijed, Zagreb.		
	Heinzel, H., 1999: Ptice Hrvatske i Europe: sa Sjevernom Afrikom i Srednjim Istokom. Hrvatsko ornitološko društvo, Zagreb.		
	Fish, J.D., Fish, S., 2011. A student's guide to the seashore. University Press, Cambridge.		
	Milišić, N, 2008: Jadranski rakovi deseteronošci. Marjan tisak, Split.		
	Riedl, R. (ed.), 1981: Fauna und Flora der Adria. Verlag Paul Parey, Hamburg, Berlin.		
	Vidaković, J., Bogut, I., Čerba, D., Galir, A., 2007. Priručnik za terensku nastavu 2. – zoologija: beskralježnjaci mora.		
	Philip's, London. Fish, J.D., Fish, S., 2011. A student's guide to the seashore. University Press, Cambridge.		
Optional literature (at the time of submission of study programme proposal)	Antolović, J., Flajšman, E., Frković, A., Grgurev, M., Grubešić, M., Hamidović, D., Holcer, D., Pavlinić, I., Vuković, M., Tvrtković N., 2006: Crvena knjiga sisavaca Hrvatske. Ministarstvo kulture, Državni zavod za zaštitu prirode, Republika Hrvatska. Arnold, N., Burton, J. A., Ovenden, D., 1978. Field Guide to the Reptiles and Amphibians of Britain and Europe (Collins Field Guide). HarperCollins Publishers, London. Habdija, I. i sur. (2004). Protista-Protozoa i Metazoa-Invertebrata. Funkcionalna građa i praktikum. Meridijani, Samobor. Janev Hutinec, B., Jovanović, O., Šafarek, G., Janković, S., 2013: Žaba, kača, kuščar- vodozemci i gmazovi u Međimurju. Međimurska priroda- Javna ustanova za zaštitu prirode, Međimurje. Ruppert, E.E., R. S. Fox and R. D. Barnes (2004). Invertebrate Zoology. A functional evolutionary approach. Seventh edition, Thomson Brooks/Cole.		
Quality assurance methods that ensure the acquisition of exit competences	Oral exam		
Other (as the proposer wishes to add)			