NAME OF THE COURSE	Biology Education Practice and Seminar I					
Code	PMB269	Year of study	2			
Course teacher	Associate Professor Mirko Ruščić, PhD	Credits (ECTS)	2,5			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
				15	30	
Status of the course	Mandatory	Percentage of application of e-learning				

COURSE DESCRIPTION

Course objectives	To enable students to increase and apply methodical knowledge through preparation for biology teaching, biology teaching implementation, and course flow and learning outcomes.
Course enrolment requirements and entry competences required for the course	Course taken: Biology Education I. Entry Competencies: basic methodical knowledge on biology education.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Student will be able to: 1. Perform teaching on subjects of Nature and Biology that are taught in elementary school, using methodical knowledge. 2. Understand the knowledge and skills of students. 3. Communicate positively verbally and nonverbally with students. 4. Analyze the efficiency of the teaching process of nature and biology. 5. Methodological knowledge of biology is concepts related to the knowledge that certain nature and biology content is incorporated into the nature of the biology and teaching biology. Methodological knowledge is a combination of biology knowledge and pedagogical psychological didactic knowledge.
Course content broken down in detail by weekly class schedule (syllabus)	Lectures: / Exercises: 1. Performing biology classes according to the curriculum of nature and biology for elementary school (12V). 2. Creating Methodical Scenarios on Default Themes (6S)

Format of instruction	☐lectures ☒seminars and workshops ☒exercises ☐*on line*in entirety ☐partial e-learning ☐field work	☒independent assignments ☒multimedia ☒laboratory ☒work with mentor ☒ school tuition
Studentresponsibilities	Primary school attendance, teaching hours, processing and analysis of methodical work	

Screening student work*(name the proportion of ECTS credits for eachactivity so that the total number of ECTS credits is*	Class attendance	0,5	Research		Practical training	0,5
	Experimental work		Report		Implement teaching hours	0,5
	Essay		Seminar essay	0,5	Processing and analysis of methodological work	0,5

equal to the ECTS value of the course)	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	

Grading and evaluating student work in class and at the final exam	Preparation, implementation and analysis of teaching hours - 80%; Performing and analyzing the methodical work - 20%

	Title	Number of copies in the library	Availability via other media
Required literature (available in the library and via other media)	Textbooks, practical papers, trainees and manuals from biology, approved by the Ministry of Science, Education and Sports.	2	
	De Zan I. 1991. Methodology of Nature and Society, School Book, Zagreb	2	
	www.eduvizija.hr https://www.youtube.com		web
	Bruening, L. 2008. By collaborative learning to successful teaching: how to activate students and encourage them to cooperate. Naklada Kosinj. Zagreb.		
	Marzano, R.J., Pickering, D.J., Pollock, J.E., 2006 Teaching strategies: How to apply the nine most successful teaching strategies translated T. Jakovčević, EDUCA, Zagreb		
	Sampson, V., Schleigh S., 2012. ScientificArgumentationinBiology: 30 ClassroomActivities, NSTA Brown, C.R. 1995. Theeffectiveteachingofbiology. LongmanPublishing, New York		

Optional literature (at the time of submission of study programme proposal)	Bognar B., Matijević M., 2002. Didaktika, Školska knjiga, Zagreb Herr N. 2006. Thesourcebook for teachingscience, http://www.csun.edu/~vceed002/biology/index.html
Quality assurance methods that ensure the acquisition of exit competences	Personal consultations, analysis of individual tasks, joint discussion, evaluation of the teaching process.
Other (as the proposer wishes to add)	