

Course Unit Descriptor

<b>Study Programme : Bachelor of Science in Biology; Bachelor of Science in Ecology</b>			
<b>Course Unit Title: Field course I</b>			
<b>Course Unit Code: OBE001</b>			
<b>Name of Lecturer(s): Prof. Ružica Igić, Prof. Dragana Vukov, Prof. Snežana Radenković</b>			
<b>Type and Level of Studies: Bachelor of Science Degree</b>			
<b>Course Status (compulsory/elective): Compulsory</b>			
<b>Semester (winter/summer): Summer</b>			
<b>Language of instruction: Serbian, English</b>			
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>			
<b>Number of ECTS allocated: 4</b>			
<b>Prerequisites: none</b>			
<b>Course Aims:</b> This course is an introduction to field techniques applicable to biological studies. Emphasized will be on field project design and implementation. Students will create entomological and botanical collections.			
<b>Learning Outcomes:</b> Students will be able to perform field activities form different biological disciplines independently. Students will make botanical and zoological collections, which will serve as base for different biological courses.			
<b>Syllabus:</b> <i>Practical part</i> Main characteristics of the terrain, its geomorphology and pedology. Characteristics of the different habitat types on Kopaonik mountain. Collecting, processing and conservation of plant material typical for different habitat types, with accent on the basic groups in plant systematics and ecological types. Field work in forest and meadow ecosystem types under the different level of antropogenic influence. Collecting and laboratory processing of field samples (sort, mount and label) of invertebral fauna typical representatives with an emphasis on classis Insecta. Collecting and become familiar with representatives of tetrapod vertebrates: Amphibia (Caudata, Anura), Reptilia (Sauria, Serpentes), Mammalia (Insectivora, Rodentia). Learning about classis Aves using mounted taxiderm specimens, nests, eggs, saunds and by observing in field.			
<b>Required Reading:</b> 1. Authorized scripts and school teaching collections 2. Chinery, M. (1994): Insekten Mitteleuropas, 3rd ed. Parey, Hamburg und Berlin. 3. Boža, P., Veljić, M., Marin, P., Anačkov, G., Janačković, P. (2004): Praktikum za determinaciju viših biljaka. Old Komerc, Novi Sad. 3. Brajković, M., Tomanović, T. (2000): Entomološki praktikum. Metode sakupljanja i preparovanja insekata. Biološki fakultet Univerziteta u Beograd. 4. Nikolić, T. (1996): Hebarijski priručnik. Školska knjiga, Zagreb.			
<b>Total hours:</b>			
Lectures: 1	Practical work: 0+5+0	Other:	Student research work:
<b>Teaching Methods:</b> Field trip I is implemented during 10 days of field work. Collecting and processing of field samples, identification and creating collections.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Field colloquium - botany	15	Entomology colloquium	25
Field colloquium - zoology	15	Oral exam - tertarpod diversety	25
		Herbar exam - vascular plants	20