

<b>Study Programme : Bsc in Biology</b>			
Degree level: Bachelor degree			
<b>Course Title:</b> Field trip I			
<b>Professor:</b> dr Ružica Igić, dr Dragana Vukov, dr Mirjana Vučković, dr Laslo Barsi			
<b>Required/Elective Course:</b> Required			
<b>Number of ECTS:</b> 2			
<b>Prerequisites:</b> -			
<b>Course Objective:</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>Course Outcome:</b> Students will learn practical aspects of sampling techniques, sample processing, data collection and analysis and expected to become able to independently perform field trips in various biological disciplines.			
<b>Course Content:</b> <i>Practical part</i> Main characteristics of the terrain, its geomorphology and pedology. Characteristics of the different habitat types on Fruška Gora 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 class Insecta. Collecting and become familiar with representatives of tetrapod vertebrates: Amphibia (Caudata, Anura), Reptilia (Sauria, Serpentes), Mammalia (Insectivora, Rodentia). Learning about class Aves using mounted taxiderm specimens, nests, eggs, sounds and by observing in field.			
<b>Reading List:</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, Ž. (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:	Practicals:	Other: 3	Student research work:
<b>Methods of instruction:</b>			
Field trip I is implemented during 10 days of field work. Collecting and processing of field samples, identification and creating collections.			
<b>Assessment (maximum number of points 100)</b>			
<b>Requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
		Oral exam and collection - entomology	25
		Oral exam - tetrapod diversity	25
		Field oral exam - botany	25
		Herbar exam - vascular plants	25