

Course Unit Descriptor

Study Programme : Bachelor of Science in Biology; Bachelor of Science in Ecology			
Course Unit Title: Field course I			
Course Unit Code: OBIO08			
Name of Lecturer(s): Prof. Dragana Vukov, Prof. Snežana Radenković, Prof. Mladen Horvatović			
Type and Level of Studies: Bachelor of Science Degree			
Course Status (compulsory/elective): Compulsory			
Semester (winter/summer): Summer			
Language of instruction: Serbian, English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS allocated: 4			
Prerequisites: none			
Course Aims: Training in fieldwork, organization of field activities, collecting, preparing and labeling material, and establishing collections.			
Learning Outcomes: 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.			
<p>Syllabus: <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.</p>			
Required Reading:			
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.			
Total hours:			
Lectures: 1	Practical work: 0+5	Other:	Student research work:
Teaching Methods:			
The teaching will be carried out through a combination of demonstrative, hands-on instruction and independent student work.			
Knowledge Assessment (maximum of 100 points):			
Requirements	points	Final exam	points
Field colloquium - botany	20	Entomology colloquium	20
Field colloquium - zoology	20	Oral exam - tertarpod diversety	20
Herbarium	10	Entomology collection	10