

Course title: Diversity of Serbian vertebrate fauna- endangerment and protection				
Lecturers: Ester Popović, Desanka Kostić, Ante Vujić				
Elective Course: elective				
Number of ECTS: 15				
Prerequisites:				
Course Objective: Introduction to ecological, biogeographical and historical factors that had influenced Serbian vertebrate diversity, dispersion through regions and subregions of Serbia, international significance relating to endangered levels, endemite species, origin, Red books and lists, specific protection measures.				
Course Outcome: Students are to acquire broader knowledge on the diversity of Serbian vertebrate fauna.				
Course Content:				
<i>Theoretical part</i>				
Biodiversity of the Earth, meaning and role. Scientific, economic and social significance of biodiversity protection. Biodiversity of sensitive ecosystems, protected areas and internationally significant areas in Serbia. Sustainable development concept. International agreements, standards, and biodiversity protection programs. Freshwater fish diversity (Osteichthyes) and lampreys (Monorhina) in Serbia, with emphasis on internationally significant species. Amphibian (Amphibia) and reptilian (Reptilia) in Serbia, with emphasis on internationally significant species. Characteristics of batracho and herpetofauna diversity. Factors that impact biodiversity, conservation methods. Internationally significant species. Birds' diversity in Serbia, with emphasis on internationally significant species. Mammalian diversity in Serbia, with emphasis on internationally significant species (Insectivora, Chiroptera, Lagomorpha, Rodentia, Carnivora, Cetacea, Artiodactyla).				
Reading List:				
1. Janković, D., Krpo-Četković, J., Džukić, G., Vasić, V., Savić, I., Paunović, M., Stamenković, S., Janković, D., Krpo-Četković, J. (1995): Biodiverzitet Jugoslavije. Faculty of Biology, University of Belgrade.				
2. All available relevant research papers on said topics				
Total hours:				10
Lectures: 5	Practicals:	Other:	Student research work: 5	
Methods of instruction:				
Active teaching, oral presentation				
Assessment (maximum number of points 100)				
Requirements				
Oral exam 50pts, Seminar work 50pts				