

Study Programme : PhD in Ecology			
Degree level: Doctoral degree			
Course Title: Diversity of Serbian vertebrate fauna- endangerment and protection			
Professor: Ester Popović, Desanka Kostić, Ante Vujić			
Elective Course:			
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:			
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			
Remark:			