

Study Programme : PhD in Ecology			
Degree level: Doctoral degree			
Course Title: Ecology and Diversity of Tetrapode Vertebrates			
Professor: Ester Popović, Olivera Bjelić Čabrilo			
Elective Course			
Number of ECTS: 15			
Prerequisites:			
Course Objective: Acquiring basic knowledge on diversity, division and distribution of tetrapode vertebrates, on the role of selected taxons and representatives in specific ecosystems, as well as on unique behavioral and reproductive strategies.			
Course Outcome: Students are to get a broader knowledge on vertebrate fauna diversity and ecology.			
Course Content:			
<i>Theoretical part</i>			
Terrestrial biomes, Movement, Behavioral basics and living adaptations, Use of space, Territoriality, Area of activity, Migrations, Orientation, Population dynamics, habitats and ecological niches, Trophic relationships and feeding types, Reproduction and reproductive behavior, Growth, development, caring for young, Vertebrate sampling methods, test areas, marking, Population Density Index, traps, transects, census, ornithological nets, biometric data.			
Reading List:			
1. Kalezić, M. (1998): Hordati-Skripte, Biološki fakultet, University of Belgrade, Belgrade.			
2. Kryštufek, B., Krže, B., Hsnigsfeld, M., Leskovic, B. (1986): Zveri i kune-Mustelidae, Lovska zveza Slovenije, Ljubljana.			
3. Bradvarović, J. (2000): Vučji pesak, Srbijašume, Š. g. "Banat" Pančevo, Bela Crkva.			
4. Doris M. Kokran (1969): Vodozemci-Ilustrovana enciklopedija životinjskog carstva, Mladinska knjiga, Ljubljana			
5. Šmit, K. P., Inger, R. F. (1969): Gmizavci- Ilustrovana enciklopedija životinjskog carstva, Mladinska knjiga, Ljubljana			
6. Giliard, E. T. (1969): Ptice- Ilustrovana enciklopedija životinjskog carstva, Mladinska knjiga, Ljubljana			
7. Sanderson, I. T. (1969): Sisari- Ilustrovana enciklopedija životinjskog carstva, Mladinska knjiga, Ljubljana			
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:			