

Study Programme : MSc. in Biology			
Degree level: Master degree			
Course Title: Diversity of invertebrate fauna			
Professor: dr Ivo Karaman, dr Snežana Radenković			
Required/Elective Course: Elective			
Number of ECTS: 6			
Prerequisites: -			
Course Objective: The aim of this course is to make students familiar with diversity of invertebrates through study of distribution, abundance, species diversity of particular autochthonous and artificial ecosystems and factors which cause biodiversity. The underling themes are well-known groups of invertebrate, relics, endemics and refugial areas especially in Serbia, as very important part of rich Balkan fauna.			
Course Outcome: Get insite in degree of current exploration of Serbian fauna, get knowledge of diversity of selected groups, endemic species and relics of this region.			
Course Content:			
<i>Theoretical part</i> Origin of invertebrates diversity on the Balkan Peninsula. Species diversity, abundance and distribution. Species diversity of particular autochthonous and artificial ecosystems. Wastelands. Factor that influence invertebrate diversity. Diversity of Serbian invertebrate fauna. Endemic species, relics and refugial areas in Serbia.			
<i>Practical part</i> Practical exercises includes collecting trips, determination and visits to national institutions where are deposited valuable collections of invertebrates.			
Reading List:			
1. Stevanović, V., Vasić, V. (eds.) (1995): Biodiverzitet Jugoslavije sa pregledom vrsta od međunarodnog značaja. Biološki fakultet, Beograd, Ekolibri.			
2. Margulis, L., Schwartz, K. V., Dolan M. (1999): Diversity of Life: The Illustrated Guide to the Five Kingdoms. Jones & Bartlett Publishers; 2nd edition.			
3. Rupert E. E., Barnes R. D. (1994): Invertebrate Zoology. Saunders Coll. Publ., Philadelphia.			
Total hours:			
Lectures: 2	Practicals: 2	Other:	Student research work:
Methods of instruction:			
Video presentation, identification and study of invertebrate material collected on field trips.			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	points
Active participation in lectures		Practical exam	70
Active participation in practicals		Oral exam	
Test(s) or			
Pre-exam testing	30		
Remark:			