

Study Programme : BSc in Biology/Ecology				
Degree level: Bachelor degree				
Course Title: General Zoology				
Professor: Smiljka Šimić, PhD				
Required/Elective Course: Required Course				
Number of ECTS: 6				
Prerequisites: -				
Course Objective: Introduction to history of zoology; general principles and methods of zoological classification, as well as comparative study of structural and functional characteristics of animals.				
Course Outcome: Achieving fundamental knowledge in zoology as basic course for further specialized subjects oin higher level of study.				
Course Content: <i>Theoretical part</i> Primary goals of this course are: to introduce students to the diversity and ineterrelationships among animals; to explain tha basic morphological, physiological and developmental mechanisms that underlie and unit all animal life; to explain the forces that have shaped and continue to shape animal form and function, thus enabling students to underastand relnships and the predictability of animal design. The main topics are: symmetry, form and life style; body covering, movement; regeneration; digestion and nutrition; respiration; internal transport; excretion and water balance; the nervous system; sense organs; endocrine system; embryonic development and reproduction. <i>Practical part</i> Practical exercises includes studies on structure of tissues, organs and organic systems of representative animal taxa through microscope work.				
Reading List: Radović I., Petrov Brigita., 1999: Raznovsnost života 1. Stuktura i funkcija, Biološki fakultet Univerziteta u Beogradu Šimić, S., Radišić, P. 2002: Opšta zoologija. Autorizovna skripta Šimić, S., Radišić, Barsi, L. 2006: Baza mikrofotografija za prakatičnu nastavu iz predmeta Opšta zoologija, Univerzitet u Novom Sadu. Matoničkin I., Erben R., 1994: Opća zoologija, Školska knjiga, Zagreb Matoničkin, I. i sur. 1983. Praktikum iz opće zoologije, PMF, Sveučilište u Zagrebu. Dorit R.L., Walker W.F. Jr., Barnes R.D., 1991: Zoology, Saunders College Publishing, Philadelphia				
Total hours:				
Lectures: 2	Practicals: 2	Other:	Student research work:	
Methods of instruction: Teoretical part - oral and video presentation; practical part – laboratory work (microscopy, dry mounting)				
Assessment (maximum number of points 100)				
Requirements	points	Final exam		points
Active participation in lectures and practicals	5	Practical exam		6
Pre-exam testing	25	Test		40
		Oral exam		24
Remark:				