

Study programme: PhD in Biology			
Level: Doctoral degree			
Course title: Special invertebrate taxonomy			
Lecturer: dr Smiljka Šimić, dr Snežana Radenković, dr Ivo Karaman			
Status: elective			
ECTS: 15			
Requirements: no			
Learning objectives Introduction to principles in taxonomy of different invertebrate groups. Methods in taxonomy (genetic-biochemical, physiological, ethological, ecological, electron microscopy, etc.) and the range of their application in particular, studied groups of invertebrates. Because of the huge biodiversity, approaches and techniques in the taxonomy are very different and the task of of this course is to master the methods and principles in the taxonomy of selected groups of invertebrates, especially specific groups, that are the subject of the PhD dissertation.			
Learning outcomes Knowledge about taxonomy of particular groups of invertebrates.			
Syllabus <i>Theoretical instruction</i> Review of criteria and characters in the taxonomy of selected groups of invertebrates. Classes and evaluation of characters. Quantitative analysis of the characters. Taxonomic approach to the invertebrate group which is subject of PhD dissertation, the characters, the criteria and techniques.			
Literature 1. Randall T. Schuh: „Biological Systematics. Principles and applications“. Cornell University Press, Ithaca and London, 2000. Different literature sources (monographs and papers) of invertebrate groups that are subjects of this course.			
Weekly teaching load			Other:
Lectures: 5	Exercises:	Other forms of teaching:	
			Student research: 5
Teaching methodology Interactive methods. *Writing and presenting of seminars.			
Grading method (maximal number of points 100)			
seminar work 30 oral exam 70			