

Name of the subject: SPECIAL INVERTEBRATE TAXONOMY		
Teacher(s): Dr. Snežana Radenković, Dr. Ivo Karaman		
Status of the subject: elective		
Number of ECTS points: 15		
Condition: no		
Goal of the subject 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 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.		
Outcome of the subject Through this course, students acquire knowledge about the the taxonomy of particular groups of invertebrates.		
Content of the subject <i>Theoretical lectures</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.		
Recommended 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.		
Number of active classes	Theory: 5	Practice: 5
Methods of delivering lectures Interactive methods. Preparation and defense of seminar papers by given and / or selected topics.		
Evaluation of knowledge (maximum number of points 100) seminar work 30 points; oral exam 70 points		