

Study Programme : MSc in Biology			
Degree level: Master degree			
Course Title: Applied entomology with acarology			
Professor: dr Ivo karaman, dr Snežana Radenković			
Required/Elective Course: Elective			
Number of ECTS: 8			
Prerequisites: passed exam “Entomology”			
Course Objective: This course gives the insight to morphology, life cycles, ecology, classification, diversity and identifications of insects and Acarina that are pests or beneficial organisms to humans.			
Course Outcome: Students will learn to identify the main orders, families and species (insects and Acarina) of economic importance, get knowledge of their life cycles and effective techniques of pest control.			
Course Content: <i>Theoretical part</i> Zoology of insects and Acarina of economic importance, use of beneficial insects and Acarina, methods of pest control, with emphasis on biological control and integrated pest menagement. <i>Practical part</i> Practical exercises includes studies on morphology and anatomy of insects and Acarina representatives of pests and beneficial organisms to humans.			
Reading List: 1. Tanasijević, N., Simova-Tošić, D. (1987): Posebna entomologija. Naučna Knjiga, Beograd. 2. Vukasović, P., Stojanović, T., Šemborn A. (1972): Štetočine u skladištima, Institut za zaštitu bilja, Novi Sad. 3. Petrović, P. (1982): Osnovi akarologije, IO Slovo ljubve, Beograd.			
Total hours:			
Lectures: 2	Practicals: 3	Other:	Student research work:5
Methods of instruction: Video presentations.			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	points
Active participation in lectures		Practical exam	50
Active participation in practicals		Oral exam	
Test(s) or	20		
Pre-exam testing	30		