

Course Unit Descriptor

Study Programme: Phytomedicine			
Course Unit Title: Special Entomology 2			
Course Unit Code: 19.FTM026			
Name of Lecturer(s): Prof. Aleksandra M. Popović, Research assist. Nikola Laćarac			
Type and Level of Studies: Undergraduate academic studies			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): summer (VIII semester)			
Language of instruction: English / (serbian – optional)			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 4			
Prerequisites: passed the exam in the subjects Basics of Entomology and Systematics of Insects and Medical Entomology and passed the colloquium.			
Course Aims: Acquiring knowledge about harmful types of insects on fruit trees, vines, ornamental and medicinal plants as a prerequisite for their control. Long-term and short-term forecast of the appearance of harmful insects, signaling for taking appropriate measures to protect plants, which has its own biological basis, ecological and economic justification			
Learning Outcomes: The acquired knowledge from this subject is the basis for monitoring pests, forecasting their appearance and number correction.			
Syllabus:			
<i>Theory</i> Determination of the most economically significant fruit trees, vines, ornamental and medicinal plants. Lectures include: economic importance, distribution, symptoms of damage, morphological characteristics, biology of the species. Methods of determining pests in fruit growing: winter inspection method, visual inspection method, blow method, funnel method, etc. Prognosis of occurrence of major pests of fruit trees and vines.			
<i>Practice</i> Specific methods of detecting pests in fruit growing and viticulture. Winter inspection of fruit trees. Determination of harmful insect species, morphology, symptoms of damage, brief biology and damage - individual examination of prepared and preserved specimens and damage.			
Required Reading:			
Alford V. D. (2007) : Pest of fruit crops. Manson Publishing Ltd. ISBN-10: 1-84076-051-6 ISBN-13: 978-1-84076-051-4			
Almaši, R., Injac, M., Almaši, Š. (2004): Štetni i korisni organizmi jabučastog voća, Poljoprivredni fakultet, Novi Sad Kereši T., Sekulić R., Popović A., (2017): Bolesti i štetočine u hortikulturi (deo- štetočine u hortikulturi). Poljoprivredni fakultet, Novi Sad.			
Tanasijević, N., Simova-Tošić, D. (1987): Posebna entomologija. Naučna knjiga, Beograd			
Kolektiv autora (1983): Priručnik izveštajne i prognozne službe zaštite poljoprivrednih kultura, Savez društava za zaštitu bilja Jugoslavije, Beograd.			
Kolektiv autora (1967): Štetočine u biljnoj proizvodnji, II specijalni deo, Zavod za izdavanje udžbenika SR Srbije, Beograd.			
Weekly Contact Hours: 6	Lectures: 3	Practical work: 3	
Teaching Methods: Teaching is conducted with the use of modern technology. Visual didactic methods with the use of the most modern teaching and laboratory equipment. Practical teaching - management of students' independent work and demonstrative-illustrative methods.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	
Practical work	5	oral exam	60
Preliminary exam(s)	30	
Seminar(s)			
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			