

<b>Study Programme: Agronomy</b>			
<b>Course Unit Title: Forest Entomology</b>			
<b>Course Unit Code: 19.AGR098</b>			
<b>Name of Lecturer(s): Drekić R. Milan</b>			
<b>Type and Level of Studies: PhD</b>			
<b>Course Status (compulsory/elective): Elective</b>			
<b>Semester (winter/summer): summer</b>			
<b>Language of instruction: Serbian, English</b>			
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>			
<b>Number of ECTS Allocated: 7</b>			
<b>Prerequisites: N/A</b>			
<b>Course Aims:</b> Forest entomology is a branch of applied entomology that studies the harmful forest insects. Forest ecosystems are threatened by the negative effects of a large number of biotic and abiotic factors. Insect pests are one of the most significant threats to the forest. For the successful implementation of forest protection from insects need a good knowledge of the species which cause damage and measures for suppression. The aim of the course is to provide for doctoral students the necessary knowledge about the systematics, morphology, anatomy, biology, insect species harmful for forestry, measures for insect pests control and methods used in entomological research.			
<b>Learning Outcomes:</b> Acquire the necessary knowledge about the harmful forests insects, their importance and measures for control.			
<b>Syllabus:</b> <i>Theory</i> Introduction, Insect Systematics, Morphology and anatomy of insects, Insect Biology, Ecology of harmful forest insects, . Harmful forest insects, The importance of insect pests in forestry, Preventive measures 8 Mechanical and physical suppression measures, Pesticide control, Biological pest control, Methods for monitoring of forest pest insects population level and prognosis of damage <i>Practice</i> Methods of entomological research			
<b>Required Reading:</b> 1. Vujić, P., Gojković, N., Jodal, I., Sidor, Ć., Gojković, G. (1967): Bolesti i štetni insekti topola i mere zaštite, Jugoslovenski poljoprivredno-šumarski centar. 2. Mihajlović, L.J. (2008): Šumarska entomologija. Univerzitet u Beogradu, Šumarski fakultet, Beograd. 3. Живојиновић, С., Васић, К., Спаић, И., Перовић, Н. (1962): Заштита четинара, I и II део, Југославенски саветодавни центар за пољопривреду и шумарство, Београд. 4. Kovačević, Ž. (1956): Primenjena Entomologija, III knjiga, Šumski štetnici, Zagreb			
<b>Weekly Contact Hours:</b>	<b>Lectures: 4</b>	<b>Practical work: 4</b>	
Teaching Methods: Lectures, seminars, consultation and mentoring to students.			
<b>Knowledge Assessment (maximum of 100 points): 100</b>			
<b>Pre-exam obligations</b>	40 Points	<b>Final exam</b>	60 points
Active class participation		written exam	
Practical work		oral exam	60
Preliminary exam(s)		.....	
Seminar(s)	40		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			

