

Study Programme: Fruit growing and viticulture			
Course Unit Title: Stone fruit species			
Course Unit Code: 19.VI1038			
Name of Lecturer(s): Goran Barać			
Type and Level of Studies: Master academic studies fruit growing and viticulture			
Course Status (compulsory/elective): elective			
Semester (winter/summer): winter			
Language of instruction: Serbian			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: none			
Course Aims: The aim of the course is to look at the interaction of varieties / rootstocks / ecological conditions in stone fruit species from a multidisciplinary aspect.			
Learning Outcomes: By passing the exam in this course, the student should learn about the complexity of the realization of genetic gain from the selection of new varieties and rootstocks of stone fruit species introduced from various breeding programs in the world.			
Syllabus: <i>Theory</i> The results of breeding programs on the creation of new varieties and rootstocks of plum, peach, apricot, cherry, sour cherry, and almond in our country and in the world. Physiological and biological specifics of varieties and rootstocks in relation to pedigrees and geographical origin and their importance in the realization of genetic potential for yield. Introduction into the production of new varieties and rootstocks based on the agroclimatic characteristics of the main fruit growing regions of Serbia and the microclimatic characteristics of the area. Selection of varieties in relation to modern market requirements. <i>Practice</i> Introduction to the characteristics of newly introduced varieties and rootstocks of peach, apricot, cherry, sour cherry and almond in our country and in the world. Application of international descriptors for description and determination of stone fruit varieties and sensory evaluation of fruit quality (external appearance and taste).			
Required Reading: Milatović, D., Nikolić, M., Miletić, N. Trešnja i višnja. Naučno voćarsko društvo Srbije, Čačak 2011 Milatović, D. Kajsija. Naučno voćarsko društvo Srbije, Čačak 2013 Mratinić, E. Breskva. Pantenon, Beograd 2012			
Weekly Contact Hours:	Lectures:2	Practical work:2	
Teaching Methods: Lectures and Practical classes, Consultations if needed.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points

Active class participation	10	written exam	20
Practical work	10	oral exam	40
Preliminary exam(s)		
Seminar(s)	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			