

Course Unit Descriptor

Study Programme: Fruit science, viticulture and horticulture –module Fruit science and viticulture			
Course Unit Title: Special Fruitgrowing II			
Course Unit Code: 19.VI1013			
Name of Lecturer(s): Zoran Ž.Keserović			
Type and Level of Studies: Undergraduate academic studies			
Course Status (compulsory/elective): Compulsory			
Semester (winter/summer): Winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): Face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: Mandatory courses completed			
<p>Course Aims: The goal of the course is to familiarize students with kernel and nut fruit species and to gain knowledge about the varieties and rootstocks of these fruit species that are significant for fruit growing in Serbia and beyond. Proper selection of fruit species, cultivars and rootstocks are among the main factors for successful fruit production because the wrong choice can not subsequently be changed when it comes to fruiting. Based on the acquired knowledge, students will be all able to independently determine which fruit species, cultivars and rootstocks are suitable for planting in certain regions, but also to determine the density of planting, to monitor the yield potential of varieties, to decide on growth form of trees, to decide which will be the intensity and way of pruning trees.</p>			
<p>Learning Outcomes: The acquired level of knowledge will enable graduates to independently make appropriate decisions about the choice of fruit species, varieties and rootstocks during plantation. Acquired knowledge level allows the student to adapt all pomotechnical measures in the plantation to selected varieties, rootstock or tree shape. Mistakes that occur during orchard establishment can not subsequently be corrected. Therefore the student acquires knowledge on the subject of Special fruit growing II which is of great significance for future professionals whether it be on the individual farm, or cooperative.</p>			
<p>Syllabus: <i>Theory</i> Botanical and pomological nomenclature of stone fruit and nuts. Production of stone fruit and nuts in the world and Serbia. Stone fruit species (plum, peach, apricot, cherry, sour cherry). Rootstocks for stone fruit species. The technology of growing stone fruit. Nuts (walnut, hazelnut, almond, chestnut). Rootstocks for stone fruit species. The technology of growing nuts <i>Practice</i> Introduction into stone fruit species and varieties and their pomological description. Introduction into nuts and pomological description</p>			
<p>Required Reading:</p> <ol style="list-style-type: none"> 1. Bulatović, S.: Orah, badem i leska, Nolit, Beograd, 1986. 2. Gvozdenović, D. i sar.: Višnja, Porečje-Vučje, 1995. 3. Gvozdenović, D. i sar.: Breskva, Poljoprivredni fakultet, Novi Sad, 1997. 4. Keserović, Z, Korać, N., Magazin, N., Grgurević, V., Gvozdenović, D., Bijelić, S., Vračević, B: Proizvodnja voća i grožđa na malim površinama, Poljoprivredni fakultet Novi Sad, 2008. 5. Korać, M., Cerović, S., Gološin, B.: Orah, Prometej, Novi Sad, 1998. 6. Korać, M., Cerović, S., Ninić-Todorović, J., Gološin, B., Almaši, M., Balaž, J., Korać, J.: Leska, Technosoft, Novi Sad, 2000. 7. Đurić, B., Keserović, Z. Gajenja kajsije, Poljoprivredni fakultet, Novi Sad, 2007. 8. Milatović, D., Nikolić, M., Miletić, N: Trešnja i višnja, Poljoprivredni fakultet Beograd, 2011. 			
Weekly Contact Hours:		Lectures: 4	Practical work: 2
Teaching Methods: Lectures, laboratory work, practical training in the fields of experimental and commercial plantations			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Lecture attendance	5	written exam	
Test	5	oral exam	30
Exercise attendance	30	
Test	30		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			