

Study Programme: FRUIT GROWING AND VITICULTURE			
Course Unit Title: Berry fruits and subtropical fruits			
Course Unit Code: 19.VI1040			
Name of Lecturer(s): full prof. Nenad Magazin, PhD			
Type and Level of Studies: GRADUATE ACADEMIC STUDIES			
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: No			
Course Aims: Students should acquire specific knowledge about certain berry fruit species (strawberry, raspberry, blackberry, black and red currant, gooseberry, blueberry, cranberry) in which special attention will be given to modern cultivation technologies such as growing in a protected area and growing on a substrate. . In the second part of the course, students should gain basic knowledge about subtropical fruit species (olive, fig, citrus, actinidia, carob, pomegranate, etc.) or about the basic pomological characteristics and agroecological conditions of growing these fruit species.			
Learning Outcomes: Mastered modern technology of production of berry fruit species adapted to agroecological conditions and cultivar selection. Acquired basic knowledge about growing conditions and characteristics of subtropical fruit species.			
Syllabus: <i>Theory.</i> Production of berry fruit species in the world and in Serbia. Strawberry cultivars. Strawberry growing technology in the open field. Strawberry growing technology in a protected area. Strawberry growing technology on substrate. Cultivars of raspberries. Technology of growing primocane and floricanes cultivars of raspberries in the open field and in a protected area. Blackberry cultivars. Technology of growing blackberries in the open field and in a protected area. Types and cultivars of currants. Technology of growing certain species and cultivars of currants in the open field and in a protected area. Cultivars of gooseberries. Gooseberry growing technology. Blueberry cultivars. Blueberry cultivation technology on soil and in substrate. Cultivars of cranberries. Cranberry cultivation technology. Classification of subtropical fruit species. Agroecological growing conditions of subtropical fruit species. <i>Practice.</i> Propagation of berry fruit species and planting material. Determination of fruit potential of berry fruit species. Practical demonstration of pruning berry fruit species. Development of a project for raising berry fruit plantations in different agroecological conditions. Pomological characteristics of subtropical fruit species.			
Required Reading: Milivojević, J. Posebno voćarstvo 3 – Jagodaste voćke. Univerzitet u Beogradu, Poljoprivredni fakultet, 2018. Nikolić, M., Radulović, M. Suptropske i tropske voćke. Naučno voćarsko društvo Srbije, Čačak. 2010.			
Weekly Contact Hours: 4	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures, laboratory work, practical training in experimental fields and commercial plantations			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	
Individual written work	40	oral exam	50
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			