

<b>Study Programme: Fruit science, viticulture and horticulture – module Fruit science and viticulture</b>
<b>Course Unit Title: Special fruitgrowing III</b>
<b>Course Unit Code: 19.VI1017</b>
<b>Name of Lecturer(s): Nenad Magazin</b>
<b>Type and Level of Studies: Undergraduate academic studies</b>
<b>Course Status (compulsory/elective): compulsory</b>
<b>Semester (winter/summer): summer</b>
<b>Language of instruction: Serbian</b>
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>
<b>Number of ECTS Allocated: 3</b>
<b>Prerequisites: Biology of fruit species, growing fruit species</b>
<p><b>Course Aims:</b></p> <p>The aim of the course is to enable students to acquire knowledge in the field of morphology, phenology, pomological description and evaluation of cultivars and rootstocks, ecological specifics, specifics of growing technology of certain types of berry fruits (strawberry, raspberry, blackberry, black and red currant, gooseberry, blueberry, cranberry ) and introduced fruit species (chokeberry, actinidia, persimmon, fig, jujube, etc.) that can be grown in temperate climates. Through theoretical and practical classes, the student should be able to properly choose the appropriate cultivars when planting. Also, the student should be able to apply appropriate agro-technical and pomo-technical measures in modern fruit orchards.</p>
<p><b>Learning Outcomes:</b></p> <p>Through this course, students will gain the knowledge necessary to make a decision on the selection of appropriate berry and introduced fruit species and cultivars for cultivation in a particular location, as well as the choice of technology for growing in open or protected space.</p>
<p><b>Syllabus:</b></p> <p><i>Theory</i></p> <p>Botanical and pomological nomenclature of small fruits (berry fruits) and introduced fruit species. Production of berry fruits and introduced fruit species in the world and in Serbia. Strawberry cultivars and modern cultivation technology. Raspberry cultivars and modern cultivation technology. Blackberry cultivars and modern cultivation technology. Currant cultivars and modern cultivation technology. Gooseberry cultivars and modern cultivation technology. Blueberry cultivars and modern cultivation technology. Cranberry cultivars and modern cultivation technology. Cultivars of chokeberry and modern cultivation technology. Other, less common berry fruit species. Possibilities of growing introduced fruit species in Serbia. Cultivars of individual introduced fruit species. Modern technologies for growing certain introduced fruit species.</p> <p><i>Practice</i></p> <p>Introduction to and pomological description of berry fruit species and cultivars. Introduction to and pomological description of introduced fruit species and cultivars.</p>
<p><b>Required Reading: Kurtović, M., Gaši, F., Grahić, J., Maličević, A., Okić, A., Grbo, L. Jagodasto voće. Grafičar promet, Sarajevo, BiH, 2016</b></p> <p><b>Milivojević, J. Posebno voćarstvo 3 – Jagodaste voćke, Univerzitet u Beogradu, Poljoprivredni fakultet – Zemun,</b></p>

**2018**

**Nikolić, M., Radulović, M. Suptropske i tropske voćke. Naučno voćarsko društvo Srbije, Čačak, 2010**

**Petrović, S., Leposavić, A. Malina – nove tehnologije gajenja, zaštite i prerade. Institut za voćarstvo, Čačak, 2016**

**Weekly Contact Hours:**

**Lectures: 3**

**Practical work: 2**

**Teaching Methods:**

**Lectures, laboratory work, practical training in experimental fields and commercial plantations**

**Knowledge Assessment (maximum of 100 points):**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Lecture attendance	5	written exam	
Exercise attendance	5	oral exam	60
Preliminary exam(s)	20		
Individual written work	10		

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.