

Study Programme: Fruit science, viticulture and horticulture –module Fruit science and viticulture		
Course Unit Title: Integrated and organic production of fruits and grapes		
Course Unit Code: 19.VII015		
Name of Lecturer(s): Biserka Milić, Mladen Kalajdžić		
Type and Level of Studies: Undergraduate		
Course Status (compulsory/elective): compulsory		
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: 4		
Prerequisites:		
<p>Course Aims:</p> <p>The aim of the course is that students acquire knowledge about controlled and certificated production systems of fruits and grapes systems such as integrated and organic. Introduction to specific law in this field and preconditions for integrated and organic production, and specific procedures prior plantation, during the establishment and exploitation period.</p>		
<p>Learning Outcomes:</p> <p>After the completion of the course students will be able to manage organic and integrated production systems.</p>		
<p>Syllabus:</p> <p><i>Theory</i></p> <p>Term, importance, historical development, producing areas and principles in an integrated and organic production systems. Selection of the appropriate fruit/grape cultivar, planting material, and production system. Agroecological conditions and selection of the planting location. Soil maintenance, fertilization and irrigation in integrated and organic production of fruits and grapes. Control of productivity of fruit trees and grapevines in these two production systems.</p> <p><i>Practice</i></p> <p>Ecological, alternative and preventive control of pests, diseases and weeds in orchards and vineyards.</p>		
<p>Required Reading:</p> <p>Кесеровић З, и сар.: Интегрална производња јабуке, Пољопривредни факултет Нови Сад, Нови Сад, 2013. Обрадовић, А. и сар.: Приручник за интегралну производњу и заштиту јабуке, Институт за примену науке у пољопривреди, Београд, 2013. Кесеровић, З., Врачевић, Б., Магазин, Н., Бијелић, С.: Органска производња воћа. Поглавље у монографији аутора: Лазић, Б., Бабовић, Ј: Органска пољопривреда, том 2, стр. 357-413. Институт за ратарство и повртарство, Нови Сад, 2008. Кораћ Нада: Органско виноградарство. Задужбина Андрејевић, Београд, 2011. Кораћ Нада: Органска производња грожђа, поглавље у монографији аутора: Лазић, Б., Бабовић, Ј: Органска пољопривреда, том 2, стр. 415-461. Институт за ратарство и повртарство, Нови Сад, 2008. Lind, K., Lafer, G., Schloffer, K., Innerhofer, G., Meister, H: Organic Fruit Growing, CAB International, 2003. Rombough L. : The Grape grower - A Guide to Organic Viticulture. White R. Junc., Vermont, US, 2002.</p>		
Weekly Contact Hours: 180	Lectures: 2	Practical work: 2
<p>Teaching Methods:</p> <p>Lectures, videos, field visiting, laboratory</p>		
Knowledge Assessment (maximum of 100 points):		

Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	20
Practical work		oral exam	50
Preliminary exam(s)	20	
Seminar(s)			

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