

Study program: Organic crop and livestock production			
Type and level of study: Bachelor academic studies			
Course Title: ECOLOGICAL FRUIT PRODUCTION			
Professors: Dr. Slobodan Milenković, Full Professor			
Status: Optional 2, semester VI			
ECTS 7			
Prerequisite: None			
The goal of the course Transfer the students' knowledge about the characteristics of organic production of certain species of fruit trees, the current and future varieties and technology of cultivation, harvesting and procedures with fruits by types of fruit trees.			
The outcome of the course The acquired knowledge and skills about the technology of cultivation and exploitation of indigenous fruits and new varieties and organic farming system. Sustainable use of genetic resources of fruit trees and their use for the purpose of creating new varieties, the variability of resource conservation and use of their fruits in the organic fruit production.			
Syllabus <i>Theoretical study</i> – Introduction to the special bio horticulture, biological and ecological characteristics of the type of fruit and the varieties within each species. Specific plantation, agro-technical measures and Pomotechnical in organic fruit by production of species and varieties of fruit trees of each species (species with pome, stone fruit, berry fruits). Specifics of varieties and organic production. Growing technology in the organic system; the most important fruit species: apple, plum, cherry, raspberry, strawberry. <i>Practical Exercise</i> , Other modes of teaching, Study research work, Assortment of the species of fruit trees (apple, pear, quince, rowan, plums, apricots, peaches, cherries, cherry, raspberry, strawberry, blackberry, currant, gooseberry, blueberry, etc.). Field exercises in plantation establishment, the application of management practices during the production cycle by type of fruit in organic production. Visits to farms with certified organic production of fruit.			
Literature Landis, J. N., Sanchez, J. E., Lenhart, R. H., Edson, C. E., Bird, G. W., Swinton, S. M. (2002): Fruit Crop Ecology and Management. Michigan State University Extension Bulletin E-2759. Phillips, M. (2011): The Holistic Orchard. The Fruits and Berries the Biological Way. Chelsea Group Publishing. White River Junction, Vermont. Lind, K., Lafer, K., Schloffer, G. I., Meister, H. (2003): Organic Fruti Growing. CABI Publishing. Wallingford. Oxon. UK.			
Number of lectures: 4			Other Lessons
Lectures: 2	Practices: 2	Other forms of teaching: Student research work:	
Teaching methods: Interactive teaching with video presentation, questions and discussion. Practical exercises on the plants, fruit trees and sketching. Visits to farms and businesses with certificated fruit production.			
Score (maximum 100 points)			
Pre-commitments	Points	The final exam	Points
Activity during lectures	10	Written exam	
Practical lessons	10	Oral examination	40
Preliminary exams	3 x 10 = 30		
Seminars	10		
<i>Total</i>	60		40