

Study program: Organic crop and livestock production			
Type and level of study: Bachelor academic studies			
Course Title: ORGANIC VEGETABLE PRODUCTION			
Teachers: Dr. Ilić S. Zoran, Full professor			
Status: Elektive 5, semester VII			
ECTS: 8			
Prerequisite: None			
The goal of course Training students for high-quality vegetable production in agro-ecological principles, particularly organic, with the aim of involving the production and operation of advisory services for organic agriculture or vegetable crops production.			
The outcome of the subject Skilled professionals who can produce high quality and safe food in the fields, greenhouses and gardens, with the use of growing technology that simultaneously protect the ecosystem and the environment.			
Syllabus <i>Theoretical study</i> - Vegetables and its importance for human consumption, the economic importance of the species and the particular means of production. Methods of production, garden, protected areas and arable land, growing from seed, planting material and seedlings. Production of seedlings, grafted seedlings. Different production systems, conventional and organic. The basic principles and differences in the application of agro-ecological and organic farming of certain species and groups: root, leaf, bulb, fruits and less cultivated species, with differences in cultivation in gardens, fields and greenhouses. Quality and health safety of vegetables. Correlation between organic production and quality of vegetables as food and medicine. The role of organic vegetables in the conservation of biodiversity and agro-biodiversity with species diversification and conservation of old varieties and populations within specific multifunctional organic vegetable production. <i>Practical classes</i> - Laboratory exercises related to the morphology of vegetable seedling production, grafting seedlings. Field exercises for exploring the production process.			
Literature Gareth Davies (Editor), Margi Lennartsson (Editor). 2006. Organic Vegetable Production: A Complete Guide. Crowood Press. 350 p Gerald Brust (2012): Organic Vegetable Production. Pardue University			
Number of lectures: 6			Other Classes
Lectures: 3	Practices: 3	Other forms of teaching: Student research work:	
Teaching methods: Lectures, laboratory and field exercises, colloquia and seminar essays.			
Score (maximum 100 points)			
Pre-commitments	Poens	The final exam	Poens
Activity during lectures	10	Written exam	
Practical classes	10	Oral examination	50
Colloquia	20		
Seminars	10		
<i>Total</i>	50		50