

Title	Models of vegetable production in organic farming						
Code	ZDIA38						
Study Program	Postgraduate Interdisciplinary University Programme Environment protection and Nature Conservation						
Semester	III						
ECTS	5						
Status	elective						
Lecturer	associate profesor PhD Tomislav Vinković						
Co-Lecturers	none						
Requirements for Enrolment	none						
Objectives	Introduction to the principles of modern models of growing vegetables in organic farming in the open field and in greenhouses with special emphasis on the assessment of the situation within the different cultivation techniques with the application of biological methods and that meet the producers, consumers, and protect the environment.						
Learning Outcomes	Describe the characteristics , the position and the importance of organic agriculture in relation to other systems of agricultural production . Identify the advantages and disadvantages of certain technologies in vegetable production (conventional - organic) . Explain the framework guidelines of standardization and recognition of organic farming products . Organize the work and self-manage technological processes in organic vegetable growing on the farm, as well as part of the larger production systems .						
Connection between Learning Outcomes, Curricular and Student Activities	Student Activities	ECTS	Learning Outcomes	Curricular Activities	Methods of Assessment	Credits*	
						min	max
	Lecture attendance and active participation	0.5	1-3	Lectures	Recording, evaluation	5	10
	Seminar preparation	2	4	Independent work with consultations	Recording, evaluation	20	40
	Seminar presentation	1	5	Seminar	Oral part of the exam	10	30
	Preparation for the written exam	1.5	1-3	Final exam	Written exam	15	30
	Total	5				50	100
50.1-62.5 points: grade 2 62.6-75 points: grade 3 75.1-87.5 points: grade 4 87.6-100 points: grade 5							
Consultations	once per week 2 hours						
Learning Activities	Lectures		Seminars		Practice		
Hours	10		5		0		
Contents / Teaching Units	The importance of vegetable production in organic farming , the transitional period with conventional production to organic . The guidelines in the choice of models of technology for a particular culture of vegetables in open fields as well in greenhouses (greenhouses) .						

	<p>Environmental conditions for growing vegetables by type . Application technology for biological control to protect crops of vegetables against diseases and pests (predators and biological preparations) and applied to the detailed control system .</p> <p>Standardising accessible and sustainable model of production of vegetables in the organic farming which will be of particular importance to food quality and environmental protection</p>
Obligatory Literature	<ol style="list-style-type: none"> 1. Kisić I. (2013):Uvod u ekološku poljoprivredu, Agronomski fakultet Sveučilišta u Zagrebu, Grafički zavod Hrvatske d.o.o.. 2. Zakonska regulativa u ekološkoj poljoprivredi 3. Parađiković,N. (2009.): Zaštićeni prostori plastenici – staklenici, Poljoprivredni fakultet Osijek. 4. Parađiković, N. (2009): Opće i specijalno povrćarstvo, udžbenik, Poljoprivredni fakultet u Osijeku
Recommended literature	<ol style="list-style-type: none"> 1. Znaor, D. (1996): Ekološka poljoprivreda. Nakladni zavod Globus. Zagreb. 2. J.Igrc Barčić i Maceljski M. (2001): Ekološki prihvatljiva zaštita bilja od štetnika. International Federation of Organic Movement (IFOAM): Basic Standards, 2002
Requirements for Aquiring Signature	Active participation in the lectures, seminar work compiling and oral presentation are required.
Type of Exam	Students are obliged to participate actively in lectures and to compile and present seminar work.
Lectures Language	Throughout the course, lecturer tracks and evaluates the activities of each particular student.
Quality Monitoring	A survey after the accomplished course, auditing throughout the lectures, possibility of giving remarks in speech or writing.