

Title	Organic agriculture						
Code							
Study Program	University postdegree study of Biology						
Semester	III						
ECTS	5						
Status	<input type="checkbox"/> obligatory <input checked="" type="checkbox"/> <u>elective</u>						
Lecturer	prof. dr. sc. Bojan Stipešević						
Co-Lecturers							
Requirements for Enrolment							
Objectives	The aim of the study program is to acquire knowledge by the candidates about the specifics of organic farming; directions such agriculture in the world and their differences; and specificities in comparison with conventional agriculture in agro-technology						
Learning Outcomes	<p>After successfully completing the module the student will be able to:</p> <ol style="list-style-type: none"> 1. Define the purpose and objectives of organic farming 2. Describe the preparation and transition to an eco-economy 3. Define aspects of the diversity of breeding systems in eco-agriculture 4. Argue the importance of permitted scientific farming methods in eco-agriculture 5. Distinguish technologies and resources in eco-production 						
Connection between Learning Outcomes, Curricular and Student Activities	Student Activities	ECTS	Learning Outcomes	Curricular Activities	Methods of Assessment	Credits*	
						min	max
	Presence in class with active participation	2	1-5	Lecture	Evidence, evaluation	5	10
	Preparation for writing / partial exam	2	1-5	Periodic testing	Written part of exam	25	60
	Preparation for the oral examination	1	1-5	Final exam	Oral part of exam	20	30
Total	5					50	100
	<p>Final grade: range 50,1-62,5 points: grade 2 (fair) range 62,6-75 points: grade 3 (good) range 75,1-87,5 points: grade 4 (very good) range 87,6-100 points: grade 5. (excellent) Final exam: earned minimal points is grade fair, maximal points is grade excellent.</p>						
Consultations	Once per week 2 hrs (as defined at the beginning of the academic year), and accordingly to the case of need, in agreement with students.						
Learning Activities	Lectures		Seminars		Practice		
Hours	15						
Contents / Teaching Units	<ul style="list-style-type: none"> • An introduction to the module, literature, teaching methods and responsibilities of students during class • The conversion of conventional to eco-farming; purpose and objectives of tillage in eco-agriculture • agro-technical aspects of fertilization with permitted organic and mineral fertilizers, allowed actions and resources in the cultivation of eco-products • composting of manure and waste, preparations for processing manure and 						

	<p>compost, green manure, liming</p> <ul style="list-style-type: none"> • crop rotations in eco-production; the importance and growing legumes for eco-garden; eco-orchard; issue of GMOs in food and seed material • the purpose and goals of eco-breeding of animals; the specifics of holding, feeding and caring for animals in eco-farming • allowed procedures and means for processing eco-products; allowed procedures and equipment in the packaging and transport of eco-products; marketing of eco-products on the market, eco-declarations, eco-signs
Obligatory Literature	Znaor, D, 1996: Ekološka poljoprivreda, Globus, Zagreb
Recommended literature	<p>Kisić, I, 2014: Uvod u ekološku poljoprivredu, Agronomski fakultet Sveučilišta u Zagrebu, Zagreb</p> <p>COUNCIL REGULATION (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91 (NN br. 80/13.)</p> <p>Pravilnik o Ekološkoj proizvodnji (NN br. 86/13.)</p> <p>COMMISSION REGULATION (EC) No 889/2008 of 5 September 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control</p> <p>COMMISSION REGULATION (EC) No 710/2009 of 5 August 2009 amending Regulation (EC) No 889/2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007, as regards laying down detailed rules on organic aquaculture animal and seaweed production</p> <p>COMMISSION IMPLEMENTING REGULATION (EU) No 505/2012 of 14 June 2012 amending and correcting Regulation (EC) No 889/2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control</p> <p>COMMISSION REGULATION (EC) No 1235/2008 of 8 December 2008 laying down detailed rules for implementation of Council Regulation (EC) No 834/2007 as regards the arrangements for imports of organic products from third countries</p> <p>COMMISSION IMPLEMENTING REGULATION (EU) No 203/2012 of 8 March 2012 amending Regulation (EC) No 889/2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007, as regards detailed rules on organic wine</p> <p>COMMISSION REGULATION (EU) No 271/2010 of 24 March 2010 amending Regulation (EC) No 889/2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007, as regards the organic production logo of the European Union</p> <p>Commission implementing regulation (EU) No 508/2012 of 20 June 2012 Amending Regulation (EC) No 1235/2008 laying down detailed rules for implementation of Council Regulation (EC) No 834/2007 as regards the arrangements for imports of organic products from third countries</p>
Requirements for Acquiring Signature	Students are required to actively participate in class and perform all tasks.
Type of Exam	The teacher during lectures follows the work of each student and evaluates completed tasks together with the written part of the exam contributes toward 70%, while the oral exam toward 30% of the final grade. During the lecturing period of the course, students will have partial written tests which can replace the written exam if it is achieved at least 90% of the total score.
Lectures Language	Croatian, English
Quality Monitoring	Poll after finishing lectures; questioning during the lectures, the possibility of giving oral or written comments after lectures; Tracking the performance of examination