

### DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	<b>Organic viticulture</b>				
<b>Head of course</b>	<b>PhD Melita Zec Vojinović, Senior Lecturer</b>				
<b>Study programme</b>	<b>Specialist Professional Study of Winemaking</b>				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	2	<b>Semester</b>	III	<b>ECTS credits</b>	5
<b>Teaching plan (L + E + S+ Pr)</b>	2+0+1+0				
<b>Goals of a course</b>					
Students will be trained in vineyard planning and design according to the requirements of organic agricultural production. They will understand the challenges of soil maintenance and will be able to use soil improvers. They will be able to practically apply agro-technical and ampelo-technical measures in vineyards. They will be able to implement biological and biotechnical pest control measures. They will be trained to create an organic vineyard management plan. They will be prepared to carry out the certification process.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
<p>Outcome 1: Assess the impact of physiological processes, ampelo-technical and meliorative treatments on the nature and quality of grapes.</p> <p>Outcome 2: Evaluate the impact of the terroir, technological maturity and harvesting technology to achieve the targeted quality of grapes and wine.</p> <p>Outcome 7: Choose a specific production technology of autochthonous wine in order to preserve the variety specificities.</p> <p>Outcome 8: Substantiate the influence of significant factors on the processes and concentration of the most significant wine components.</p>					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Apply legislation in raising and growing grapevine</li> <li>2. Recommend measures to maintain soil fertility</li> <li>3. Recommend pest prevention and protection measures</li> <li>4. Design an ecological grapevine plantation</li> <li>5. Develop a plan for the transition from a certain production system to the ecological production system</li> </ol>					
<b>Content of a course</b>					
Introduction and principles of organic grape production. National and EU legislation in organic viticulture. Soil maintenance (cultivation, fertilization and nutrition of grapevine). Use of plant consociations, cover and intermediate crops in vineyards. Vineyard maintenance (selection of varieties, fittings and pruning). Prevention and protection against grapevine diseases, pests and weeds. Transition to an organic production system. Vineyard management plan creation. Certification process for organic grapes production. Indicators of sustainability and biodiversity in a vineyard					
<b>Teaching modes</b>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> auditory exercises <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> distance learning <input type="checkbox"/> field classes		<input checked="" type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratory <input type="checkbox"/> supervisor's work <input type="checkbox"/> other _____		
<b>Comments</b>					
<b>Students' obligations</b>					

**Grading, evaluation and monitoring of students' work continuously during lectures and exams**

Grading is based upon evaluation of course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.

**Continuous check-up:**

Outcomes	Pre-exam I	Assignment	Creating a business plan	Home assignment	Threshold	Max
Outcome 1	10				5 %	10
Outcome 2	10				5 %	10
Outcome 3				20	10 %	20
Outcome 4		30			15 %	30
Outcome 5			30		15 %	30
Percentage of ECTS	1	1.5	1.5	1	2.5	5
Total	20%	30%	30%	20%	50 %	100 %

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

**Exam term:**

Outcomes	Written exam	Oral exam	Max
Outcome 1		10%	10
Outcome 2	8%	2%	10
Outcome 3	20%		20
Outcome 4	30%		30
Outcome 5	30%		30
Percentage of ECTS	4	1	5
Total	88%	12%	100 %

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

**Grading:**

A student has passed the exam if he has acquired at least 50% of anticipated credits of a specific learning outcome.

If a student has passed learning outcomes of all courses, the accomplished credits (percentages) of all passed learning outcomes are being added, while the final grade is defined upon following table:

Range of credits (percentages)	Numerical grade	ECTS grade
90,00 – 100,00	Excellent (5)	A
75,00 – 89,99	Very good(4)	B
60,00 – 74,99	Good(3)	C
50,00 – 59,99	Sufficient (2)	D
0,00 – 49,99	Insufficient (1)	F

**Obligatory literature**

1. Mirošević N., Karoglan Kontić J., 2008. Vinogradarstvo, Nakladni zavod Globus, Zagreb.
2. Trioli G.; Hofmann U., 2009. Code of Good Organic Viticulture and Wine-Making, [http://www.orwine.org/intranet/libretti/-orw%20qb%20bassa\\_264\\_01\\_0\\_.pdf](http://www.orwine.org/intranet/libretti/-orw%20qb%20bassa_264_01_0_.pdf)
3. Teaching materials and scientific and professional articles

**Additional literature**

1. Glenn T. McGourty, 2012. Organic Winegrowing Manual, University of California, Agriculture and Natu
2. Rombough L. J., 2002. The Grape Grower: A Guide to Organic Viticulture



