

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Specialized Fruit Growing				
Head of course	PhD Martina Peršić, Lecturer				
Study programme	Professional undergraduate study Sustainable Agritourism				
Status of a course	Elective				
Year of study	2.	Semester	III	ECTS credits	3
Teaching plan (L + E + S+ Pr)	2+1+0+0				
Goals of a course					
Enabling students to raise modern berry and nut plantations, adjust the cultivation system to the given climatological and pedological conditions, and select the correct pomotechnical measures depending on the type and variety of fruit.					
Conditions for enrolling course					
Completed Fruit Growing course					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 2: Assess the suitability of environmental and edaphic factors for sustainable plant and animal production.</p> <p>Outcome 3: Select species, assortments and breeds, as well as the technology for cultivation, breeding and maintaining the health of plants and animals.</p> <p>Outcome 4: Recommend the manner of processing, sorting and storage of plant and animal products stock and distribution of goods.</p> <p>Outcome 6: Apply the principles of spatial planning and design the interior and exterior according to the needs and capabilities of the agritourism farm and the location conditions.</p> <p>Outcome 7: Recommend environmentally friendly methods of hygiene, maintenance and waste management in agriculture, tourism and catering.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> Analyse the cost-effectiveness of growing berries and nuts Plan the optimal timeframe for the implementation of pomotechnical measures in a plantation Analyse the favourability of environmental conditions for growing berries and nuts Assess the conditions for raising a plantation and analyse the necessary pomotechnical measures in a plantation Design a modern production plantation of berries and nuts Propose modern and sustainable methods of protecting orchards from pests and adverse weather conditions 					
Content of a course					
Production of berries and nuts in Croatia, Europe and the world. Origin and botanical classification. The annual and life cycle. Morphology of berries and nuts. Chemical composition of berries and nuts. Ecological conditions for cultivation and cultivation limitations, planting and maintaining plantations, shapes and pruning. Modern techniques in the cultivation of berries and nuts, old and new promising varieties of fruits and berries. Berry and nut pests, protection of plantations from pests and adverse weather conditions.					
Teaching modes	<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 _____		
Comments					
Students' obligations					

For passing exam it is necessary to make a project of raising a plantation of berry or peel.

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	Pre-exam 2	Test	Project	Threshold	Max
Outcome 1	2,5 %	2,5 %			2,5 %	5 %
Outcome 2	5 %	5 %	20 %		15 %	30 %
Outcome 3	6 %	6 %		6 %	9 %	18 %
Outcome 4	6 %	6 %		5 %	8,5 %	17 %
Outcome 5	5 %	5 %		5 %	7,5 %	15 %
Outcome 6	5,5 %	5,5 %		4 %	7,5 %	15 %
Percentage of ECTS	0,9	0,9	0,6	0,6	1,5	3
Total	30 %	30 %	20 %	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	15 %	5 %	20 %
Outcome 3	15 %	5 %	20 %
Outcome 4	15 %	5 %	20 %
Outcome 5	15 %	5 %	20 %
Outcome 6	5 %	5 %	10 %
Percentage of ECTS	2,25	0,75	3
Total	75 %	25 %	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. Internal teaching materials

Additional literature

1. Milivojević, Posebno voćarstvo 3 – jagodaste voćke, Univerzitet u Beogradu, 2018.
2. Solar, Lupinariji, Založba kmečki glas, 2019.
3. Koron, Jagodičje – gojenje in uporaba, Založba kmečki glas, 2019.

