

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Mediterranean fruit growing II				
Head of course	PhD Martina Peršić, Lecturer				
Study programme	Professional undergraduate study Mediterranean Agriculture				
Status of a course	Obligatory				
Year of study	2.	Semester	IV	ECTS credits	7
Teaching plan (L + E + S+ Pr)	2+2+0+1				
Goals of a course					
Making students capable of raising modern plantings of Mediterranean fruit trees, harmonisation of cultivation system with climate and pedologic possibilities and choosing the proper systems with a help of technical measures defined by type and sorts of fruit.					
Conditions for enrolling course					
Taken course Mediterranean Fruit Growing I					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 1: Assess the quality of planting material and produce planting material by the appropriate propagation method.</p> <p>Outcome 3: Prepare a plan for the cultivation of Mediterranean crops, including economic and cultivation elements.</p> <p>Outcome 4: Perform the care of perennial plantations of Mediterranean crops in accordance with the cultivation form and maintain them in view of the technological and ecological conditions of production.</p> <p>Outcome 5: Design irrigation models based on water balance and apply classic and special irrigation models.</p> <p>Outcome 6: Determine economically significant pests and implement preventative and curative methods of plant protection with respect to the production system.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Analyse the economic viability of growing Mediterranean fruit 2. Plan optimal times for the implementation of pomotechnical measures in Mediterranean fruit plantations 3. Analysing the favourability of environmental conditions for growing Mediterranean fruits 4. Assess the conditions for raising a plantation and analyse the necessary pomotechnical measures in the Mediterranean fruit plantation 5. Organize a modern Mediterranean fruit plantation 6. Suggest modern and sustainable ways to protect orchards from pests and adverse weather conditions 					
Content of a course					
<p>Explanations of agro ecological influences on growing some fruit varieties. Following certain measures of fruit growing: intertillage, nutrition and types of fertilization, irrigation, protection from diseases and pests, picking and storage, processing and offering products. The above-mentioned to be explained with help of following Mediterranean fruit varieties (peaches, almonds, sweet and sour cherries, strawberries, plums, quinces, apricots, apples, pears, etc.). State origin of each variety, its spread, production areas, foundations and yields. Practical activities covering propagation, irrigation, cutting and picking to be done in teaching and technological premises in Istria.</p>					
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					

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	2.1	2,1	1,4	1,4	3,5	7
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	Threshold	Max
Outcome 1	10 %		5 %	10 %
Outcome 2	15 %	5 %	10 %	20 %
Outcome 3	15 %	5 %	10 %	20 %
Outcome 4	15 %	5 %	10 %	20 %
Outcome 5	15 %	5 %	10 %	20 %
Outcome 6	5 %	5 %	5 %	10 %
Percentage of ECTS	5,25	1,75	3,5	7
Total	75 %	25 %	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.

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. Skendrović Babojelić, M. Fruk, G. Priručnik iz voćarstva: građa, svojstva i analize voćnih plodova, Sveučilište u Zagrebu, 2016.
2. Jemrić, T. Cijepljenje i rezidba voćaka, Uliks, Rijeka, 2007.
3. Krapina I. i suradnici Voćarstvo, Globus, Zagreb, 2004.

Additional literature
<ol style="list-style-type: none">1. Prgomet, Ž., Boháč, M. Smokva, Skink d. o. o. Rovinj, Rovinj, 2003.2. Medin, A. Suvremeno voćarstvo u jadranskom području, PK Zadar, Zadar, 1989.3. Miljković, I. „Suvremeno voćarstvo“, Znanje, Zagreb, 1991.

