

**Biotechnical Faculty / MEDITERRANEAN FRUIT GROWING / FRUIT GROWING IN THE BACKYARD**

<b>Course:</b>	FRUIT GROWING IN THE BACKYARD			
<b>Course ID</b>	<b>Course status</b>	<b>Semester</b>	<b>ECTS credits</b>	<b>Lessons</b> (Lessons+Exercises+Laboratory)
11431	Mandatory	6	5	3+0+1
<b>Programs</b>	MEDITERRANEAN FRUIT GROWING			
<b>Prerequisites</b>	None			
<b>Aims</b>	Introduce students to the establishment and maintenance of orchards on small surfaces and in backyard settings, utilizing contemporary scientific and practical achievements.			
<b>Learning outcomes</b>	After passing the exam, the student will be able to: properly choose varieties for cultivation in the backyard, taking into account the selection of pollinators for cross-pollinated varieties; prepare the soil for planting, select high-quality seedlings, determine the spacing between plants, and carry out planting; choose the most favorable cultivation form and apply appropriate horticultural techniques in its formation and maintenance; apply acquired knowledge to implement agrotechnical measures in the orchard (fertilization and irrigation).			
<b>Lecturer / Teaching assistant</b>	Miroslav Čizmović PhD - teacher, Slavojka Malidžan MSc -assistant			
<b>Methodology</b>	Lectures, exercises, colloquiums, tests and final exam.			
<b>Plan and program of work</b>				
Preparing week	Preparation and registration of the semester			
I week lectures	Introductory remarks, morphology of fruit trees.			
I week exercises	Identifying fruit species based on characteristics of shoots.			
II week lectures	Ecological factors and their Influence on the development of fruit species.			
II week exercises	Skeletal branches of the canopy and structure of the root system.			
III week lectures	Selection of varieties of pome fruit species, cultivation opportunities on small surfaces.			
III week exercises	Recognizing basic varieties of pome fruit species.			
IV week lectures	Selection of stone fruit varieties. Pollinator combinations.			
IV week exercises	Recognizing basic varieties of stone fruit species.			
V week lectures	Selection of nut fruit varieties and Kiwi on the homestead.			
V week exercises	Descriptions of strawberry varieties.			
VI week lectures	Selection of berry fruit varieties (strawberries, raspberries, blackberries, currants and blueberries).			
VI week exercises	Test 1.			
VII week lectures	Cultivating citrus fruits in the backyard.			
VII week exercises	Assortment of citrus. Indoor cultivation possibilities for citrus fruits.			
VIII week lectures	Colloquium I.			
VIII week exercises	Selection of planting material, containers, potted plants.			
IX week lectures	Remedial I colloquium. Selection of rootstocks suitable for cultivating fruit trees in the backyard.			
IX week exercises	Basic principles of planting fruit trees in the backyard.			
X week lectures	Designing orchards as horticultural solutions.			
X week exercises	Cultivating everbearing varieties of fruit species.			
XI week lectures	Pruning fruit trees (pruning by fruit types, green pruning, rejuvenation pruning).			
XI week exercises	Ornamental cultivation forms of fruit species.			
XII week lectures	Advantages of specific cultivation forms for cultivating fruit trees in the backyard.			
XII week exercises	Determining fertilization norms in mixed orchards.			
XIII week lectures	Colloquium II.			
XIII week exercises	Grafting and cultivating multiple varieties on one tree.			

XIV week lectures	Remedial II colloquium. Methods of storing fruit in improvised storage facilities.					
XIV week exercises	Test 2.					
XV week lectures	Final exam.					
XV week exercises	Preparation for the final exam.					
<b>Student workload</b>						
<b>Per week</b>			<b>Per semester</b>			
<b>5 credits x 40/30=6 hours and 40 minuts</b> 3 sat(a) theoretical classes 1 sat(a) practical classes 0 excercises <b>2 hour(s) i 40 minuts</b> of independent work, including consultations			Classes and final exam: <b>6 hour(s) i 40 minuts x 16 =106 hour(s) i 40 minuts</b> Necessary preparation before the beginning of the semester (administration, registration, certification): <b>6 hour(s) i 40 minuts x 2 =13 hour(s) i 20 minuts</b> Total workload for the subject: <b>5 x 30=150 hour(s)</b> Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) <b>30 hour(s) i 0 minuts</b> Workload structure: <b>106 hour(s) i 40 minuts (courses), 13 hour(s) i 20 minuts (preparation), 30 hour(s) i 0 minuts (additional work)</b>			
<b>Student obligations</b>			Attendance of lectures and exercises; completion of tests, colloquiums and the final exam.			
<b>Consultations</b>			In agreement with the students, once a week.			
<b>Literature</b>			1. Lučić, P., Đurić, G., Mičić, N. (1996): Fruit Growing I, Partenon; 2. Keserović, Z., Gvozdenović, D., Grgurević, V., Živanović, M. (1999): Fruit production on small surfaces, Faculty of Agriculture, Novi Sad.			
<b>Examination methods</b>			Attendance and participation in classes: (5 + 5) = 10 points; Colloquiums exams: (2 x 15) = 30 points; Tests: (2 x 5) = 10 points; Final exam: 50 points. A passing grade is achieved when a minimum of 50 points is accumulated. The grades and corresponding point ranges are as follows: A: (≥ 90 to 100 points) B: (≥ 80 to < 90 points) C: (≥ 70 to < 80 points) D: (≥ 60 to < 70 points) E: (≥ 50 to < 60 points) F: (< 50 points).			
<b>Special remarks</b>			None			
<b>Comment</b>						
<b>Grade:</b>	F	E	D	C	B	A
<b>Number of points</b>	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points