

Biotechnical Faculty / PLANT PRODUCTION / PRACTICAL EDUCATION

Course:	PRACTICAL EDUCATION			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
4003	Mandatory	4	2	0+2+0
Programs	PLANT PRODUCTION			
Prerequisites	No prerequisites required			
Aims	To introduce students with the basics of fruit and cheese, viticulture and agricultural production.			
Learning outcomes	After successfully passing the exam students will be able to: differentiate morphological characteristics of fruit, field and vegetable plants; recognize the importance of agroecological factors in plant production; they recognize the importance of agrotechnical and different pomotechnical techniques; create care measures for certain cultures; manage certain technological processes independently; independently organize plant production on their own farms, critically evaluate vegetable production in the open field and in a protected area, organize vegetable production in different soil and climatic conditions, decide on the technology of vegetable and fruit production in accordance with microclimatic conditions.			
Lecturer / Teaching assistant	Dr Miroslav Čizmović, PhD Nataša Mirecki, PhD Zoran Jovović			
Methodology	Practical work, colloquiums and final exam			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures				
I week exercises	Identification of fruit species by one-year summer shoots, determination parts of the tree.			
II week lectures				
II week exercises	Pruning a grapevine.			
III week lectures				
III week exercises	The structure and equipment of the protected area.			
IV week lectures				
IV week exercises	Pruning of fruit trees.			
V week lectures				
V week exercises	Tying the shoots and correction of pruning.			
VI week lectures				
VI week exercises	Substrate selection, sowing and planting of vegetables in containers.			
VII week lectures				
VII week exercises	Colloquium I			
VIII week lectures				
VIII week exercises	Basic agrotechnical measures in vegetable growing.			
IX week lectures				
IX week exercises	Special agrotechnical measures in vegetable growing.			
X week lectures				
X week exercises	Sowing and planting.			
XI week lectures				
XI week exercises	Care of field cultures.			
XII week lectures				
XII week exercises	Thinning out of young shoots.			
XIII week lectures				
XIII week exercises	Thinning out of small fruits.			

XIV week lectures						
XIV week exercises		Colloquium II				
XV week lectures						
XV week exercises		Harvesting and storage.				
Student workload		Weekly: 2 credits x 40/30 = 2 hours and 40 min Structure: 2 hours of exercises and 40 min of student work including consultations During the semester: Practical classes and the final exam: 2 hours and 40 min x 16 = 42 hours and 40 min Necessary preparation (before semester administration, enrollment and verification): 2 x 2 hours and 40 min = 5 hours and 20 min Total hours for the course: 2 x 30 = 60 hours Additional work: 12 hours Structure: 42 hours and 40 min (practical classes) + 5 hours and 20 min (preparation) + 12 hours (additional work)				
Per week			Per semester			
2 credits x 40/30=2 hours and 40 minuts 0 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises 0 hour(s) i 40 minuts of independent work, including consultations			Classes and final exam: 2 hour(s) i 40 minuts x 16 =42 hour(s) i 40 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 2 hour(s) i 40 minuts x 2 =5 hour(s) i 20 minuts Total workload for the subject: 2 x 30=60 hour(s) 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) 12 hour(s) i 0 minuts Workload structure: 42 hour(s) i 40 minuts (cources), 5 hour(s) i 20 minuts (preparation), 12 hour(s) i 0 minuts (additional work)			
Student obligations			Students are obliged to attend the exercises.			
Consultations						
Literature			For the area of field crops: - Đ. Glamočlija (2012): Posebno ratarstvo - Žita i zrne ne mahunarke, Poljoprivredni fakultet Zemun, Beograd - Đ. Glamočlija (2010): Posebno ratarstvo - Industrijske i krmne biljke, Poljoprivredni fakultet Zemun, Beograd - V			
Examination methods			- Presence and activity 5 + 5 = 10 - Colloquium (Practical work) 2 x 20 = 40 - Final exam = 50			
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	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