

Biotechnical Faculty / CONTINENTAL FRUIT GROWING AND MEDICINAL PLANTS /

PHYTOSANITARY STATUS OF PLANTING MATERIAL

Course:	PHYTOSANITARY STATUS OF PLANTING MATERIAL			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
12422	Mandatory	3	6	3+1+1
Programs	CONTINENTAL FRUIT GROWING AND MEDICINAL PLANTS			
Prerequisites	None			
Aims	Introduction of students with the measures taken in order to produce virus-free and healthy planting material.			
Learning outcomes	After student passed this exam she/he will be able to: understand importance of production and trade of healthy planting material; recognize the most important diseases and pests that occur in production of planting material; list the methods for detection of plant pathogens; describe the measures that can be carry out in order to produce healthy planting material; select and apply appropriate protection measures and protective tools; apply the law legislative related with the occurrence of diseases and pests on planting material.			
Lecturer / Teaching assistant	Prof.dr Sanja Radonjić, prof.dr Snježana Hrnčić, prof.dr Jelena Latinović, prof.dr Nedeljko Latinović			
Methodology	Lectures, Exercises, Individual work, Consultations.			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction. Importance of subject and trade of healthy planting material.			
I week exercises	Examples of good practice in plant health			
II week lectures	Importance of production of healthy planting material.			
II week exercises	Examples of good practice in plant health			
III week lectures	EPPO standards and protocols for health control of planting material.			
III week exercises	Examples of good practice in plant health			
IV week lectures	Pests of continental fruits - pome fruits.			
IV week exercises	Risk assessment.			
V week lectures	Pests of continental fruits - stone fruits			
V week exercises	Risk assessment.			
VI week lectures	Pests of continental fruits - soft fruits and nuts			
VI week exercises	Risk assessment.			
VII week lectures	Colloquium I. Presentation of students seminar works.			
VII week exercises	Preparation of temporary microscopic slides			
VIII week lectures	General diseases of fruit trees and vine			
VIII week exercises	Microscopy			
IX week lectures	Corrective colloquium. Diseases of planting material of pome fruit trees			
IX week exercises	Practicing the recognition of disease symptoms of pome fruit tree planting material			
X week lectures	Diseases of planting material of pome fruit trees			
X week exercises	Practicing the recognition of disease symptoms of pome fruit tree planting material			
XI week lectures	Diseases of planting material of stone fruit trees			
XI week exercises	Practicing the recognition of disease symptoms of stone fruit tree planting material			
XII week lectures	Diseases of planting material of stone fruit trees			
XII week exercises	Practicing the recognition of disease symptoms of stone fruit tree planting material			
XIII week lectures	Diseases of planting material of small fruits			
XIII week exercises	Practicing the recognition of disease symptoms of small fruits planting material			

XIV week lectures		Diseases of planting material of nut fruit trees; Application of protection measures against plant pathogens				
XIV week exercises		Practicing the recognition of disease symptoms of nut fruit planting material				
XV week lectures		Phytosanitary examination and issuing of certificates for planting material				
XV week exercises		Phytosanitary examination and issuing of certificates for planting material				
Student workload						
Per week		Per semester				
6 credits x 40/30=8 hours and 0 minuts 3 sat(a) theoretical classes 1 sat(a) practical classes 1 exccercises 3 hour(s) i 0 minuts of independent work, including consultations		Classes and final exam: 8 hour(s) i 0 minuts x 16 =128 hour(s) i 0 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 8 hour(s) i 0 minuts x 2 =16 hour(s) i 0 minuts Total workload for the subject: 6 x 30=180 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) 36 hour(s) i 0 minuts Workload structure: 128 hour(s) i 0 minuts (cources), 16 hour(s) i 0 minuts (preparation), 36 hour(s) i 0 minuts (additional work)				
Student obligations		Students are required to attend classes and exercises, do seminar work, test of recognizing disease symptoms, colloquium and final exam				
Consultations		Once a week in agreement with students				
Literature		1) Delibašić G., Obradović A., Tanović B. (2015): Bolesti sadnog materijala. Univerzitet u Beogradu, Poljoprivredni fakultet, Beograd; 2) Dimić, N. (1980): Štetočine vočki i vinove loze, Poljoprivredni fakultet Sarajevo, petodopunjeno izdanje (1997). 3) Tanasijević, N.; Simova-Tošić, D. (1987): Posebna entomologija, Naučna knjiga Beograd; 4) Almaši, Radmila, Injac, M., Almaši, Š. (2004): Štetni i korisni organizmi jabučastih voćaka, Poljoprivredni fakultet, Novi Sad. 5) printed material				
Examination methods		Activity in lectures and exercises 6 points; Colloquiums - 35 points; Seminar work 12 points Final exam (including test of recognition of disease symptoms) 47 points. Pass degree: ≥ 50 points Grade: number of points: A (≥ 90 - 100 points); B (≥ 80 - < 90); C (≥ 70 - < 80); D (≥ 60 - < 70); E (≥ 50 - < 60); F < 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