DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	**Wine growing I**				
Head of course	**PhD Martina Peršić, Lecturer**				
Study programme	**Professional undergraduate study Mediterranean Agriculture**				
Status of a course	Obligatory				
Year of study	2.	**Semester**	III	**ECTS credits**	4
Teaching plan (L + E + S+ Pr)	2+1+0+2				

Goals of a course

Training the student to independently raise and manage vine plantations using modern and eco-friendly vineyard techniques.

Conditions for enrolling course

No conditions

Learning outcomes on a level of a study programme which includes course

Outcome 1: Assess the quality of planting material and produce planting material by the appropriate propagation method.
Outcome 3: Prepare a plan for the cultivation of Mediterranean crops, including economic and cultivation elements.
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.
Outcome 5: Design irrigation models based on water balance and apply classic and special irrigation models.
Outcome 6: Determine economically significant pests and implement preventative and curative methods of plant protection with respect to the production system.

Expected learning outcomes on a level of a course

1. Describe the botanical identity, origin and distribution of grapevine and explain the importance of particular climatic factors, soil and relief for grapevine cultivation.
2. Describe and distinguish the morphological form of the vegetative and generative organs of grapevine and the phenophase of the growth and development of grapevine.
3. Organize and implement different ways of winter pruning of grapevine.
4. Determine the required quantities of mineral and organic fertilizers for vineyard fertilization and the amount of water for irrigation, and determine the appropriate way of vineyard soil maintenance.
5. Choose the appropriate grapevine substrate with regard to the ecological growing conditions and agronomic characteristics of substrates, and describe the characteristics of various grapevine substrates.
6. Describe the characteristics of wine-growing regions and sub-regions of the Republic of Croatia and identify and ampelographically describe the wine and table grapevine varieties.

Content of a course

Introduction into vine growing. History of vine growing. Vegetative organs. Generative organs. Life cycle of vine. Vine cutting. Cutting through mature tree. Cutting technique. Natural conditions of vine growing. Vine binding. Binding techniques. Vine nourishment and vineyard fertilisation. Systems used for maintaining soil: tillage, planting grass over soil, soil mulching in vineyards, use of herbicides, combined systems of soil maintaining, most frequent weeds in vineyards. Importance of vine foundations: American kinds of Vitis species and their selection, American-American hybrids, American-European hybrids. Vine varieties: wine varieties, table varieties. Regions and sub-regions of the vine growing part of Croatia.

Teaching modes	☒ lectures ☐ auditory exercises ☒ seminars and workshops ☐ distance learning ☐ field classes	☒ individual assignments ☐ multimedia and network ☐ laboratory ☐ supervisor's work ☐ other _____

Comments	

Students' obligations

Attendance at hands-on teaching.

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	Seminar work	Threshold	Max
Outcome 1	10 %		5%	7,5 %	15 %
Outcome 2	15 %			7,5 %	15 %
Outcome 3	15 %		5%	10 %	20 %
Outcome 4		15 %	5%	10 %	20 %
Outcome 5		10 %		5 %	10 %
Outcome 6		15 %	5%	10 %	20 %
Percentage of ECTS	1,6	1,6	0,8	2	4
Total	40 %	40 %	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	15 %	5 %	10 %	20 %
Outcome 2	10 %	5 %	7,5 %	15 %
Outcome 3	10 %	5 %	10 %	15 %
Outcome 4	15 %		7,5 %	15 %
Outcome 5	10 %	5 %	7,5 %	15 %
Outcome 6	15 %	5 %	5 %	20 %
Percentage of ECTS	3	1	2	4
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. Mirošević N., Karlogan Kontić J., Vinogradarstvo, Globus, Zagreb, 2008.
Additional literature