

University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies

MEDITERRANEAN AGRICULTURE – undergraduate study programme, 1st Bologna cycle

Course structure for students enrolled in the academic year 2019/2020 until the academic year 2023/24

During their studies, students must complete a total of 28 courses (25 compulsory and 3 electives), pass the internship (30 ECTS), and prepare a final seminar.

All courses are awarded 3 or 6 ECTS-credits. One ECTS-credit encompasses 30 hours of student work. In addition to the student's presence (at lectures, seminars, in-class and laboratory practical work), this also includes independent work (literature study, preparation for examinations, home assignments, seminar and project work, etc.). The courses require a minimum of 50 and a maximum of 105 hours of a student's presence (contact hours).

Students may also select 3 elective courses from study programmes provided by other institutions of higher education in Slovenia and international higher education institutions with similar study programmes.

Table 1: Structure of the study programme

Year of study	Study obligation	Number	ECTS-credits (ECTS)	
			ECTS	ECTS/Year of study
1.	Compulsory Course	11	60	60
2.	Compulsory Course	8	36	60
	Internal / External Elective Course	2	12	
	Practical Training in Working Environments I	1	12	
3.	Compulsory Course	6	30	60
	Internal / External Elective Course	1	6	
	Practical Training in Working Environments II	1	18	
	Seminar	1	6	

Table 2: First year of study

No.	Course	ECTS	Form of contact hour					
			L	T	SE	LW	FW	Total
1.	Plant Biology	6	30	-	-	30	10	70

2.	Chemistry Basics	3	20	-	-	20	-	40
3.	Agrophysics	3	20	15	-	-	5	40
4.	Mathematical Methods	6	30	30	-	-	-	60
5.	Land Use and Soil Protection	6	30	-	-	15	15	60
6.	Fruit Growing	6	30	-	-	25	20	75
7.	Agroecology	6	40	-	15	-	20	75
8.	Biochemistry Basics	6	30	-	-	30	-	60
9.	Forest and Wood Management	6	30	-	-	20	20	70
10.	Horticulture	6	30	-	-	25	20	75
11.	Viticulture	6	30	-	-	25	20	75

Legend:

L = lecture, T = tutorial, SE = seminar, LW = laboratory work, FW = field work

ECTS = ECTS-credits

Table 3: Second year of study

No.	Course	ECTS	Form of contact hour					Total
			L	T	SE	LW	FW	
1.	Statistical Methods	6	30	30	-	-	-	60
2.	Computer Practicum	3	15	15	-	-	-	30
3.	Introduction to Plant Physiology	3	25	-	-	20	-	45
4.	Basics of Genetics	6	30	-	-	30	-	60
5.	Olive Growing and Olive Processing Technology	6	40	-	10	10	15	75
6.	Nature Conservation and Sustainable Agriculture	3	20	-	10	-	10	40
7.	Fishery	3	20	-	-	15	5	40
8.	Plant Protection, Diagnostics and Phytopharmacy	6	30	-	-	30	5	65
9.	Practical Training in Working Environments I (6 weeks)	12	5	-	10	-	-	15

10.	Internal / External Elective Course I	6						
11.	Internal / External Elective Course II	6						

Table 4: Third year of study

No.	Course	ECTS	Form of contact hour					
			L	T	SE	LW	FW	Total
1.	Zootechnics in the Mediterranean Area	6	30	-	10	-	30	70
2.	Plant Breeding and Propagation	6	40	-	-	20	10	70
3.	Technologies for Food Processing in Agriculture	6	30	-	-	15	15	60
4.	Basics of Entrepreneurship and Marketing	6	45	30	-	-	-	75
5.	Project Planning and Management	3	15	15	-	-	-	30
6.	Mediterranean Nutrition	3	15	-	10	5	-	30
7.	Practical Training in Working Environments I (9 weeks)	18	5	-	10	-	-	15
8.	Internal / External Elective Course III	6						
9.	Seminar	6	-	-	30	-	-	30

Table 5: Internal elective courses of the study programme

(The list shows all internal elective courses of the study programme. Every academic year, the Faculty offers a different (shorter) selection of elective courses.)

No.	Course	ECTS	Form of contact hour					
			L	T	SE	LW	FW	Total
1.	Agrobiodiversity and Gene Banks	6	30	-	10	20	10	70
2.	Applied Entomology	6	30	-	-	25	5	60
3.	Arboriculture	6	30	-	-	15	15	60

4.	Soil Biodiversity and Ecosystem Services in Sustainable Agriculture	6	30	10	15	20	-	75
5.	Floral Biology and Pollination Ecology	6	30	-	10	30	-	70
6.	Beekeeping	6	30	-	-	10	10	50
7.	Nursery (Fruit Plants and Grapevine Propagation)	6	30	-	-	15	15	60
8.	Soil Ecology	6	30	-	15	30	-	75
9.	Economics of Agriculture	6	30	30	-	-	-	60
10.	Microbiology of Agroecosystems	6	30	-	15	30	-	75
11.	Plant Molecular Diagnostic	6	30	-	-	20	10	60
12.	Consumer Behavior Basics	6	30	30	-	-	-	60
13.	Brewing	6	30	-	-	15	15	60
14.	Aromatic Plants Production	6	30	-	-	10	20	60
15.	Plant Biotechnology	6	30	-	15	30	-	75
16.	Plant Tissue Culture	6	30	-	-	25	5	60
17.	Sensory Analysis of Foodstuffs	6	30	-	-	25	5	60
18.	Brand Management	6	30	30	-	-	-	60
19.	Urban Agriculture	6	30	-	10	-	20	60
20.	Enology	6	30	-	-	25	5	60