

POLYTECHNIC OF RIJEKA AGRICULTURAL DEPARTMENT

UNDERGRADUATE PROFESSIONAL STUDY OF MEDITERRANEAN AGRICULTURE

LIST OF COURSES

1st year of study – Semester I (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
1	Chemistry	4
2	Botany and basics of genetics	5
3	Applying IT in agriculture	3
4	Mathematics and statistics	5
5	Basics of soil cultivation	6
6	Agricultural ecology	4
3	Business English I or Business Italian Language I	3
	Totally per semester	30

1st year of study – Semester II (Summer Semester)

Course unit no.	Title of the course unit	ECTS credits
9	Biochemistry	5
10	Soil science	4
11	Plant protection I	4
12	Physiology of plants	5
13	Machines in agriculture	5
11	Business English II or Business Italian Language II	3
	Elective course	4
15	<i>Agroclimatology*</i>	
16	<i>Agrarian microbiology</i>	
	Totally per semester	30

2nd year of study – Semester III (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
17	Plant protection II	4
18	Mediterranean fruit growing I	6
19	Viticulture I	4
26	Olive growing	6
24	Mediterranean livestock farming	4
17	Business English III or Business Italian Language III	3
	Elective course	4
22	<i>Market in agriculture*</i>	
23	<i>Seed production</i>	
	Totally per semester	31

2nd year of study – Semester IV (Summer Semester)

Course unit no.	Title of the course unit	ECTS credits
25	Mediterranean fruit growing II	7
20	Growing of vegetables	5
27	Viticulture II	5
27	Wine making I	5
24	Business English IV or Business Italian Language IV	3
	Elective course	4
21	<i>Beekeeping</i>	
30	<i>Basics of urbanizm and farm premises*</i>	
	Totally per semester	29

3rd year of study – Semester V (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
33	Olive processing	6
34	Winemaking II	5
35	Plant growing in protected area	6
42	Irrigation	4
	Elective course A	4
	Elective course B	4
38	<i>Plant housing</i>	
39	<i>Special and sparkling wines</i>	
37	<i>Agricultural business economics*</i>	
40	<i>Floriculture and dendrology basics*</i>	
	Totally per semester	29

3rd year of study – Semester VI (Summer Semester)

Course unit no.	Title of the course unit	ECTS credits
43	Aromatic and medicinal plants	3
36	Preservation of agricultural products	5
	Elective course A	4
	Elective course B	4
41	<i>Management of agricultural holding*</i>	
44	<i>Landscape architecture</i>	
45	<i>Rural forms of tourism</i>	
46	<i>Business analysis*</i>	
47	Bachelor Thesis	15
	Totally per semester	31

* the course is not available in the academic year 2022/2023