



New Bachelor in “ Agriculture Sciences and Food Security”

STUDY CURRICULUM

Year I, Semester I (1)

No.	Courses	ECTS
1	Chemistry for Agricultural Sciences	6
2	Biology for Agricultural Sciences	6
3	Mathematics and Statistics for Agricultural Sciences	6
4	Agroecology, Meteorology and Climatology	6
5	General Botany	3
6	Exercises, Excursions, Laboratory work	3
	Total	30

Year I, Semester II(2)

No.	Courses	ECTS
1	Soil Science and Geology for Agricultural Sciences	6
2	Economics and Agricultural Policy and Law	6
3	Agricultural Business Administration and marketing	6
4	Systematic Botany	3
5	Agricultural Genetics	3
6	Social and Economic Science Methods, Exercises and Lab Work	6
	Total	30

Year II, Semester II(3)

No.	Courses	ECTS
1	Principal of Aquaculture and Fisheries	6
2	Agricultural Physics and Agricultural Engineering	6
3	Animal nutrition, breeding and husbandry	6
4	Plant nutrition and physiology	6
5	Plant breeding	3
6	Agricultural and Scientific Exercises and Excursions I	3
	Total	30

Year II, Semester II (4)

No.	Courses	ECTS
1	Environment standards in Agriculture and Good agricultural practices	6
2	Plant protection	6
3	Vegetable, fruit and wine growing	6
4	Crop production	6
5	Agricultural and Scientific Exercises and Excursions	6
	Total	30

Year III, Semester I (5) Specialization Agronomy

No.	Courses	ECTS
1	Agricultural Machineries, Irrigation and drainage	6
2	Plant adaptation and Crop Improvement	6
3	Smart agriculture	6
4	Free Choice	6
5	Free Choice	6
	Total	30

Year III, Semester II (6) Specialization Agronomy

No.	Courses	ECTS
1	Field Practice Exercises, Excursions	12
2	Cultivation technologies in Horticulture	6
3	Internship	6
4	Bachelor Thesis	6
	Total	30

Year III, Semester I (5) Specialization Horticulture

No.	Courses	ECTS
1	Floriculture and urban gardens and parcs	6
2	Vegetable production system	6
3	Pomology, subtropical plants, ampelography	6
4	Plant propagation and postharvest technology	6
5	Practical Training and exercises in vegetable production and floriculture	6
	Total	30

Year III, Semester II (6) Specialization Horticulture

No.	Courses	ECTS
1	Free Choice	6
2	Free Choice	6
3	Practical training and exercises in Horticulture	6
4	Internship	6
5	Bachelor Thesis	6
	Total	30

Year III, Semester I (5) Specialization Plant Protection

No.	Courses	ECTS
1	Agricultural machinery, irrigation and drainage	6
2	Biological control and integrated pest management	6
3	Weeds	6
4	Plant protection products and their action mode	6
5	Ornamental, urban and forestry pest control	6
	Total	30

Year III, Semester II (6) Specialization Plant Protection

No.	Courses	ECTS
1	Free Choice	6
2	Free Choice	6
3	Exercise, Excursions Practices	6
4	Practical Training	6
5	Bachelor Thesis	6
	Total	30

Year III, Semester I (5) Specialization Animal Science

No.	Courses	ECTS
1	Anatomy, Physiology, Ethology of Farm Animal	6
2	Livestock feeding	6
3	Feed production, quality and safety	6
4	Good practices in livestock breeding and husbandry	6
5	Poultry and honeybee production	6
	Total	30

Year III, Semester II (6) Specialization Animal Science

No.	Courses	ECTS
1	Biotechnology and animal production	6
2	Free Choice	6
3	Free Choice	6
4	Professional internship	6
5	Bachelor Thesis	6
	Total	30

Year III, Semester I (5) Specialization Aquaculture and Fisheries

No.	Courses	ECTS
1	Aquatic ecosystem and Ichthyology	6
2	Fisheries theory and fishing techniques	6
3	Aquacultural Engineering	6
4	Aquaculture Production Technologies	6
5	Free Choice	6
	Total	30

Year III, Semester II (6) Specialization Aquaculture and Fisheries

No.	Courses	ECTS
1	Free Choice	6
2	Practical works and Exercises in Fishery Sciences and on Aquatic Ecosystem	6
3	Practices on Aquaculture	6
4	Internship	6
5	Bachelor Thesis	6
	Total	30