

Field: **Agriculture**

Programme: **Horticulture**

Length of studies: **4 years (8 semesters)**

Number of ECTS credits:

Languages of teaching: **Turkish**

Form of education: **Full-time**

1.Semester Course Plan				
	Course Code	Course Name	Type of course, tuition hours/semester	Number Of Ects Credits
	AİT1101	Principles Of Atatürk And Modern Turkish History	Compulsory, 56	4
	BIY1101	Botany	Compulsory, 56	5
	FİZ1101	Physics	Compulsory, 56	4
	KİM1101	Chemistry	Compulsory, 56	5
	MAT1101	Mathematics	Compulsory,42	4
	TRD1101	Turkish Language	Compulsory, 56	4
	YDİ1101	Foreign Language	Compulsory, 56	4
			Total ECTS	30
2.Semester Course Plan				
	Course Code	Course Name	Type of course, tuition hours/semester	Ects
	BBB1202	Introduction To Horticulture	Compulsory, 56	6
	BBB1204	Plant Biochemistry	Compulsory,42	5
	BYS1202	Chmatology	Compulsory,28	3
	BYS1204	Technical Drawing	Compulsory, 56	4
	BYS1206	Surveying	Compulsory, 56	4
	ENF1202	Basic Information Technologies	Compulsory, 56	5
	TEK1202	General Economics	Compulsory,28	3
			Total ECTS	30

3.Semester Course Plan				
	Course Code	Course Name	Type of course, tuition hours/semester	Ects
	BBB2303	Principles Of Fruit Science	Compulsory,42	4
	BBB2305	Horticultural Ecology	Compulsory, 28	2
	BYS2301	Engineering Mechanics	Compulsory,42	3
	TBB2301	Soil Science	Compulsory, 56	5
	TEK2309	Firm Management And Marketing	Compulsory,28	4
	ZF2301	Deontology	Compulsory,28	2
	ZTN2301	Animal Husbandry	Compulsory,56	5
	ZTN2303	Statistics	Compulsory,56	5
			Total ECTS	30
4.Semester Course Plan				
	Course Code	Course Name	Type of course, tuition hours/semester	Ects
	BBB2402	Horticultural Crop Propagation	Compulsory,56	5
	BKB2402	Plant Protection	Compulsory,56	5
	BYS2402	Agricultural Mechanization	Compulsory,56	5
	BYS2404	Agricultural Structures And Irrigation	Compulsory,56	5
	TAB2402	Field Crops	Compulsory,56	5
	ZF2402	Genetics	Compulsory,42	5
			Total ECTS	30
5.Semester Course Plan				
	Course Code	Course Name	Type of course, tuition hours/semester	Ects
	BBB3501	Physiology Of Horticultural Crops	Compulsory,42	6
	BBB3503	General Viticulture	Compulsory,56	6
	BBB3505	Principles Of Vegetable Science	Compulsory,56	6
	BBB3507	Practical Training I	Compulsory,56	4
	SEÇ3501	Faculty Elective 1	Elective	4
	SEÇ3503	Faculty Elective 2	Elective	4

			Total ECTS	30
		Elective Courses		
	<i>BKB3501</i>	<i>Environmental Problems In Agricultural Engineering</i>	<i>Elective,56</i>	<i>4</i>
	<i>BKB3503</i>	<i>Postharvest Diseases And Pests</i>	<i>Elective,56</i>	<i>4</i>
	<i>BKB3505</i>	<i>Pests And Diseases Of Cereal And Legumes</i>	<i>Elective,56</i>	<i>4</i>
	<i>BYS3501</i>	<i>Environmental Problems In Agricultural Engineering</i>	<i>Elective,42</i>	<i>4</i>
	<i>BYS3505</i>	<i>Plant Protection Machinery</i>	<i>Elective,56</i>	<i>4</i>
	<i>STB3501</i>	<i>Food Legislation And Quality Control</i>	<i>Elective,42</i>	<i>4</i>
	<i>STB3503</i>	<i>Hygiene And Sanitation</i>	<i>Elective,42</i>	<i>4</i>
	<i>TAB3503</i>	<i>Industrial Crops</i>	<i>Elective,56</i>	<i>4</i>
	<i>TAB3507</i>	<i>Cereals And Food Legumes</i>	<i>Elective,56</i>	<i>4</i>
	<i>TAB3511</i>	<i>Range And Meadow Management And Reclamation</i>	<i>Elective,56</i>	<i>4</i>
	<i>TBB3501</i>	<i>Soil And Water Management</i>	<i>Elective,56</i>	<i>4</i>
	<i>TBB3503</i>	<i>Soil Fertility And Fertilizer</i>	<i>Elective,56</i>	<i>4</i>
	<i>TBB3505</i>	<i>Soil Biodiversity</i>	<i>Elective,56</i>	<i>4</i>
	<i>TEK3501</i>	<i>Environmental Economics</i>	<i>Elective,42</i>	<i>4</i>
	<i>TEK3503</i>	<i>Agricultural Extension And Communication</i>	<i>Elective,42</i>	<i>4</i>
	<i>ZF3501</i>	<i>Nutrition And Health</i>	<i>Elective,42</i>	<i>4</i>
	<i>ZF3503</i>	<i>Project Preparation And Evaluation</i>	<i>Elective,56</i>	<i>4</i>
	<i>ZTN3501</i>	<i>Poultry Production</i>	<i>Elective,56</i>	<i>4</i>
	<i>ZTN3503</i>	<i>Small Ruminant Production</i>	<i>Elective,56</i>	<i>4</i>
	<i>ZTN3505</i>	<i>Feeds And Animal Nutrition</i>	<i>Elective,56</i>	<i>4</i>

3rd year, 2nd semester (14 weeks)

Code	Courses	Type of course, tuition hours/semester	Credits
BBB3602	Breeding Of Horticultural Crops	Compulsory, 42	3
BBB3604	Processing Of Horticulture Produce	Compulsory, 56	4
BBB3606	Introduction To Biotechnology	Compulsory, 42	2
BBB3608	Postharvest Physiology And Technology	Compulsory, 56	4
BBB36010	Internship	Compulsory	6
BBB36012	Floriculture	Compulsory, 56	3
BBB36014	Practical Training Ii	Compulsory, 56	4
SEÇ3602	Faculty Elective	Elective	4
Elective Courses			
BKB3602	Pests And Diseases Of Industrial Crops	Elective, 56	4
BKB3604	Pests And Diseases Of Fruit Crops And Viticulture	Elective, 56	4
BKB3606	Pests And Diseases Of Vegetables	Elective, 56	4
BYS3602	Precision Farming Technologies	Elective, 56	4

BYS3604	Renewable Energy Resources	Elective, 56	4
STB3602	Food Toxicology	Elective, 42	4
STB3604	Technology Of Agricultural Products	Elective, 56	4
TAB3602	Seed Science And Technology	Elective, 56	4
TAB3604	Forage Crops	Elective, 56	4
TBB3602	Plant Nutrition	Elective, 56	4
TBB3604	Fertilizers And Fertilization Technique	Elective, 56	4
TBB3606	Geographic Information Systems In Agriculture	Elective, 56	4
TEK3602	Trademark, Patent And Intellectual Rights	Elective, 42	4
TEK3604	Agricultural Economics And Management	Elective, 56	4
TEK3606	Appraisals Of Agricultural Assets	Elective, 56	4
ZTN3602	Beekeeping And Silkworm Production	Elective, 56	4
ZTN3604	Cattle Production	Elective, 56	4
ZTN3606	Applied Animal Biotechnology	Elective, 56	4

4th year , 1st semester (14 weeks)

Code	Courses	Type of course, tuition hours/semester	Credits
BBB4733	Graduation Thesis I	Compulsory, 28	3
OSD4701	University Elective Course	Elective	3
SEÇ4701	Electives 1 (4 Course Will Be Chosen)	Elective	12
SEÇ4703	Electives 2 (4 Course Will Be Chosen)	Elective	12
Elective Courses			
BBB4701	Horticultural Crop Pests	Elective, 42	3
BBB4703	Biotechnology Of Horticultural Crops	Elective, 28	3
BBB4705	Good Agricultural Practices In Horticulture	Elective, 28	3
BBB4707	Quality And Quality Formation In Horticulture	Elective, 28	3
BBB4709	Project Preparation In Horticulture	Elective, 28	3
BBB47011	Exotic Fruits	Elective, 28	3
BBB47013	Cold Season Vegetables	Elective, 42	3
BBB47015	Mushroom Culture	Elective, 28	3
BBB47017	Professional English I	Elective, 28	3
BBB47019	Postharvest Handling Of Fruits And Vegetables	Elective, 28	3
BBB47021	Pruning Techniques Of Fruits	Elective, 28	3
BBB47023	Stone Fruits	Elective, 42	3
BBB47025	Subtropic Fruits I	Elective, 42	3
BBB47027	Soilless Culture	Elective, 42	3
BBB47029	Citriculture	Elective, 42	3
BBB47031	Pome Fruits	Elective, 42	3

4th year , 2nd semester (14 weeks)

Code	Courses	Type of course, tuition hours/semester	Credits
BBB4802	Graduation Thesis II	Compulsory, 28	3
OSD4802	University Elective Course	Elective	3
SEÇ4802	Electives 1 (4 Course Will Be Chosen)	Elective	12
SEÇ4804	Electives 2 (4 Course Will Be Chosen)	Elective	12
Elective Courses			
BBB4804	Nutrition Physiology Of Horticultural Crops	Elective, 28	3
BBB4806	Horticultural Crops Diseases	Elective, 42	3
BBB4808	Biological Principles In Horticulture	Elective, 28	3

BBB48010	Organic Farming In Horticulture	Elective, 28	3
BBB48012	F1 Hybrid Breeding	Elective, 42	3
BBB48014	Nursery Plant Production And Orchard Establishment	Elective, 28	3
BBB48016	Professional English Ii	Elective,28	3
BBB48018	Protected Vegetable Cultivation	Elective, 42	3
BBB48020	Special Viticulture	Elective, 42	3
BBB48022	Nut Fruits	Elective, 42	3
BBB48024	Subtropic Fruits Ii	Elective, 42	3
BBB48026	Fresh-Cut Fruits And Vegetables	Elective, 28	3
BBB48028	Seed Production Techniques	Elective, 28	3
BBB48030	Berry Fruits	Elective, 42	3
BBB48032	Warm Season Vegetables	Elective, 42	3