

DEPARTMENT OF PLANT PRODUCTION AND TECHNOLOGIES
UNDERGRADUATE CURRICULUM

Abbreviations: T=Weekly hours: theoretical; P=Weekly hours: practice; ECTS= European Credit Transfer System

Semester-1					
Code	Course Title	T	P	ECTS	Status
UNIV 1015	Turkish Language & Literature I	2	0	2	Required
FANS 1003	Physics I	2	2	4	Required
FANS 1005	Chemistry I	2	2	4	Required
AGRI 1001	Botany	2	2	4	Required
FANS 1001	Mathematics I	3	0	4	Required
FLED1001	Advanced English	3	0	4	Required
CENG 1003	Introduction to Programming I	2	0	3	Required
UNIV 1017	Occupational Health & Safety	2	0	3	Required
FANS 1009	Social Responsibility	0	2	2	Required
TOTAL CREDIT				30	

Semester-3					
Code	Course Title	T	P	ECTS	Status
UNIV 2007	Principles of Atatürk & History of Turkish Revolution I	2	0	2	Required
AGRI 2001	Plant Physiology	3	1	4	Required
AGRI 2003	Biostatistics	3	0	3	Required
AGRI 2005	Microbiology	3	1	3	Required
AGRI 2007	Soil Science	3	0	3	Required
AGRI 2009	Animal Science	2	0	3	Required
AGRI 2011	Agricultural Meteorology	2	0	3	Required
AGRI 2013	Entomology	2	1	3	Required
AGRI 2015	Mass & Energy Balances	2	0	3	Required
AGRI 2017	Agricultural Ecology----- ECOLOGY	2	0	3	Required
TOTAL CREDIT				30	

Semester-5					
Code	Course Title	T	P	ECTS	Status
AGRI 3001	Biotechnology in Plant Science	3	1	4	Required
AGRI 3003	Plant Pathology	3	1	4	Required
AGRI 3005	Introduction to Engineering Concepts	3	0	3	Required
AGRI 3007	Seed Science & Technology	2	1	3	Required
AGRI 3009	Plant Propagation Techniques	2	1	3	Required
AGRI 3011	Fluid Mechanics	2	0	3	Required
ECOD 2013	Introduction to Economics	3	0	4	Required
-	Elective			3	Elective
-	Elective			3	Elective
TOTAL CREDIT				30	

Semester-7

Semester-2					
Code	Course Title	T	P	ECTS	Status
UNIV 1016	Turkish Language & Literature II	2	0	2	Required
FANS 1004	Physics II	2	2	4	Required
FANS 1006	Chemistry II	2	2	5	Required
AGRI 1002	Zoology	3	0	4	Required
FANS 1002	Mathematics II	3	0	4	Required
FLED1002	Academic English	3	0	4	Required
CENG 1004	Introduction to Programming II	2	0	3	Required
UNIV 1032	Technical Drawing	0	2	2	Required
UNIV 1024	Career Planning	2	0	2	Required
TOTAL CREDIT				30	

Semester-4					
Code	Course Title	T	P	ECTS	Status
UNIV 2008	Principles of Atatürk & History of Turkish Revolution II	2	0	2	Required
AGRI 2002	Plant Biochemistry	2	1	3	Required
AGRI 2004	Research & Experimental Methods	2	1	3	Required
AGRI 2006	Field Crops	2	1	3	Required
AGRI 2008	Horticulture	2	1	3	Required
AGRI 2010	Agricultural Irrigation & Drainage	2	0	3	Required
AGRI 2012	Agricultural Machinery	2	0	3	Required
AGRI 2014	Smart Agriculture	2	0	2	Required
AGRI 2016	Principles of Genetics	3	0	3	Required
AGRI 2018	Principles of Weed Science	2	1	3	Required
-	Social Elective	2	0	2	Elective
TOTAL CREDIT				30	

Semester-6					
Code	Course Title	T	P	ECTS	Status
AGRI 3002	Fruit & Vegetable Production	3	1	3	Required
AGRI 3004	Cereals & Legume Crops	3	1	4	Required
AGRI 3006	Diseases & Pests of Horticultural Plants	3	1	3	Required
AGRI 3008	Industrial Crops	3	1	4	Required
AGRI 3010	Diseases & Pests of Field Crops	3	1	4	Required
AGRI 3012	Plant Nutrition	3	1	3	Required
AGRI 3014	Seed Production Techniques	2	0	3	Required
-	Elective	2	0	2	Elective
-	Elective	2	0	2	Elective
-	Social Elective	2	0	2	Elective
TOTAL CREDIT				30	

Semester-8

Code	Course Title	T	P	ECTS	Status
AGRI 4001	Design in Engineering	0	4	5	Required
AGRI 4003	Fertilizers & Fertilization	3	1	4	Required
AGRI 4005	Principles of Pesticides	3	1	4	Required
AGRI 4007	Integrated Pest Management	3	1	4	Required
AGRI 4009	Principles of Plant Breeding	3	1	4	Required
-	Elective			3	Elective
-	Elective			3	Elective
-	Social Elective			3	Social Elective
TOTAL CREDIT				30	

Code	Course Title	T	P	ECTS	Status
AGRI 4002	Industrial Training	0		30	Required
TOTAL CREDIT				30	

TOTAL ECTS	240	
COMPULSORY ECTS	217	%90.4
ELECTIVE ECTS	23	%9.6