

2022-2023
TARIM MAKİNELERİ VE TEKNOLOJİLERİ
MÜHENDİSLİĞİ BÖLÜMÜ

1. Semester

Ders Kodu	Ders Adı-ENG	AKTS	T + U
MATH 1131	CALCULUS I	7	3+2
SOFL 1101	ENGLISH FOR ACADEMIC PURPOSES I	4	3+0
CHEM 1110	CHEMISTRY	6	2+2
FAST 1120	BIOLOGY	6	2+2
MIS 1101	INTRODUCTION TO INTERNET OF THINGS (IOTs)	3	3+0
TURK 1110	TURKISH I	2	2+0
HIST 1110	ATATURK'S PRINCIPLES AND HISTORY OF REFORMS I	2	2+0
TOPLAM		30	20

2. Semester

Ders Kodu	Ders Adı-ENG	AKTS	T+U
MAT 1132	CALCULUS II	7	3+2
SOFL 1102	ENGLISH FOR ACADEMIC PURPOSES II	4	3+0
CHEM 1111	ORGANIC CHEMISTRY	6	2+2
FAST 1010	INTRODUCTION TO AGRICULTURE SCIENCE AND TECHNOLOGY	4	4+0
FAST 1020	INTRODUCTION TO AGRIBUSINESS	2	2+0
FAST 1030	INTRODUCTION TO ECOLOGY	2	2+0
UFND 7020	SOCIAL RESPONSIBILITY	1	0+2
TURK 1210	TURKISH II	2	2+0
HIST 1210	ATATURK'S PRINCIPLES AND HISTORY OF REFORMS II	2	2+0
TOPLAM		30	23

3. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
EEE 2280	ELECTRIC CIRCUITS AND SYSTEMS	7	3+2
ME 2310	THERMODYNAMICS	7	3+2
AGEA 2201	ECONOMICS OF AGRIBUSINESS	5	2+0
XXXX	UNIVERSITY ELECTIVE	5	2+2
ENGR 2110	INTR. TO COMPUTER AIDED MODELLING	6	2+2
TOPLAM		30	15
4. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
ESE 2501	MEASUREMENT TECHNIQUES AND INSTRUMENTATION	5	2+2
AGTE 3301	INTRO TO AGRICULTURAL MACHINERY	7	3+2
FAST XXXX	FACULTY ELECTIVE	6	2+2
AGTE XXX	DEPARTMENT ELECTIVE	6	2+2
ME 3214	MECHANICAL COMPONENTS	6	2+2
TOPLAM		30	16
5. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
EEE 3716	FEEDBACK SYSTEMS	7	3+2
AGTE 3305	IOTs APPLICATIONS IN AGRICULTURE	5	3+0
AGTE XXXX	DEPARTMENT ELECTIVE	6	3+0
AGTE XXXX	DEPARTMENT ELECTIVE	6	3+0
FAST XXXX	FACULTY ELECTIVE	6	2+2
TOPLAM		30	16
6. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
AGTE 3302	CONVENTIONAL AGRICULTURAL MACHINERY DESIGN	6	2+2
AGTE XXXX	DEPARTMENT ELECTIVE	6	2+2
AGTE XXXX	DEPARTMENT ELECTIVE	6	2+2
AGTE XXXX	DEPARTMENT ELECTIVE	6	2+2
FAST XXXX	FACULTY ELECTIVE	6	2+2

TOPLAM		30	15
7. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
FAST 4490	INTERNSHIP I (*)	8	0+6
FAST 4495	SENIOR PROJECT I(*)	8	0+6
IE 4601	INTRODUCTION TO PROJECT MANAGEMENT	4	3+0
FAST 4411	AGRICULTURE 4.0 CONCEPTS	4	3+0
UFND 6120	ENTREPRENEURSHIP AND BUSSINESS PLANNING	2	2+0
UFND 5020	ETHICS CULTURE	2	2+0
ISG 9110	OCCUPATIONAL HEALTH AND SAFETY I	2	2+0
(*) Part of the Co-op programme			
TOPLAM		30	18
8. Semester			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
FAST 4491	INTERNSHIP II(*)	8	0+6
FAST 4496	SENIOR PROJECT II(*)	8	0+6
ISG 9120	OCCUPATIONAL HEALTH AND SAFETY II	2	2+0
UFND 2020	RESEARCH CULTURE	2	2+0
FAST 4412	AGRICULTURE 4.0 TECHNOLOGY IMPLEMENTATION(*)	10	2+4
(*) Part of the Co-Op programme			
TOPLAM		30	13
Bölüm Seçmeli Dersleri			
Ders Kodu	Ders Adı-ENG	AKTS	T+U
AGTE 3311	FUNCTIONAL ANALYSIS OF SOIL, CROP, AND MACHINE SYSTEMS		
AGTE 3312	AGRI-INDUSTRIAL APPLICATIONS OF ELECTRIC POWER AND ELECTRONICS		
AGTE 3313	ELECTRONIC SYSTEMS INTEGRATION FOR AGRICULTURAL MACHINERY		
AGTE 3315	AGRICULTURAL MACHINERY AND TRACTORS		
AGTE 3317	INSTRUMENTATION FOR AGRICULTURAL AND BIOSYSTEMS ENGINEERING		

AGTE 3318	COMPUTER-AIDED DESIGN IN AGRICULTURE		
AGTE 3319	SMALL POWER EQUIPMENT		
AGTE 3321	FRUIT AND VEGETABLE TECHNOLOGY		
AGTE 3331	MEAT AND MEAT PRODUCTS TECHNOLOGY		
AGTE 3341	MILK AND MILK PRODUCTS TECHNOLOGY		
AGTE 3351	AGRICULTURAL SPATIAL TECHNOLOGIES		
AGTE 3361	GREENHOUSE STRUCTURES AND LANDSCAPING EQUIPMENT		
AGTE 3371	IRRIGATION SYSTEM DESIGN FOR TURF-BASED SYSTEMS		
AGEA 3371	DATA ANALYSIS FOR THE AGRI-FOOD SYSTEM		
IE 4444	HUMAN FACTORS ENGINEERING		

Fakülte Seçmeli Dersleri

Ders Kodu	Ders Adı-ENG	AKTS	T+U
ASAT 2212	ANIMAL NUTRITION		
ASAT 2222	AQUACULTURE NUTRITION		
ASAT 3304	LIVESTOCK SCIENCE AND ANIMAL PRODUCTION		
ASAT 3324	LIVESTOCK SCIENCE AND FISHERY		
FAST 2231	FOOD LAW AND REGULATIONS		
FAST 2251	FOOD MICROBIOLOGY		
PSSC 3311	ENVIRONMENTAL PHYSIOLOGY		
PSSC 3314	LAND USE AND FARM MANAGEMENT		
PSSC 3316	AGRONOMY		
AGTE 3321	FRUIT AND VEGETABLE TECHNOLOGY		
AGTE 3331	MEAT AND MEAT PRODUCTS TECHNOLOGY		
AGTE 3341	MILK AND MILK PRODUCTS TECHNOLOGY		