

Mühendislik Fakültesi
Gıda Mühendisliği
Lisans (İngilizce)
2022 (Gıda Müh. Böl.) (İngilizce)

Genel Toplam **Ders Adedi : 82** **T : 112 U : 52 L : 7** **Kredi : 164,5** **ECTS : 256** **T+U : 164**

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1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504001012 022	TURKISH LANGUAGE I	2	0	0	2 2
2	504001022 022	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY I	2	0	0	2 2
3	504001062 022	PHYSICS-I	3	2	0	4 6
4	504001072 022	GENERAL CHEMISTRY	3	2	0	4 3
5	504001172 024	COMPUTER	2	0	0	2 3
6	504001222 022	ORGANIC CHEMISTRY	2	0	0	2 3
7	504001272 022	CAREER PLANNING	1	0	0	1 2
8	504001292 020	TECHNICAL ENGLISH I	2	0	0	2 2
9	CAL10320 23	CALCULUS I	3	2	0	4 7
Toplam			20	6	0	23 30

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504000922 022	TURKISH LANGUAGE II	2	0	0	2 2
2	504000942 022	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY II	2	0	0	2 2
3	504001082 022	TECHNICAL DRAWING	0	2	0	2 2
4	504001112 022	PHYSICS-II	3	2	0	4 5
5	504001152 017	ANALYTICAL CHEMISTRY	2	2	0	3 3
6	504001182 023	COMPUTER PROGRAMMING	2	2	0	3 3
7	504001192 022	INTRODUCTION TO FOOD ENGINEERING	1	0	0	1 2
8	504001202 015	BIOLOGY	2	0	0	2 2
9	504001242 020	TECHNICAL ENGLISH II	2	0	0	2 2
10	CAL104202 3	CALCULUS II	3	2	0	4 7
Toplam			19	10	0	25 30

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504002042 022	PHYSICAL CHEMISTRY	2	0	0	2 3
2	504002072 023	STATISTICS	2	0	0	2 4
3	504002162 003	ECONOMICS	2	0	0	2 2
4	504002212 022	FOOD CHEMISTRY I	2	2	0	3 5
5	504002312 009	REACTION KINETICS	2	0	0	2 4
6	504002332 022	INSTRUMENTAL FOOD ANALYSIS	1	2	0	2 4
7	504002412 023	MATERIAL AND ANERGY BALANCES	3	0	0	3 5
8	MDSD01	Müfredat Dışı Seçmeli Ders Grubu - I	0	0	0	2 0
9	PFSDGI	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-I (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGI ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
10	TECH.ELE CTIVE-1	TECHNICAL ELECTIVE I (Ders 1) [Bu ders TECH.ELECTIVE-1 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
Toplam			14	4	0	18 30

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504002092 023	THERMODYNAMICS	3	0	0	3 6
2	504002102 023	FLUID MECHANICS	3	0	0	3 5
3	504002132 022	GENERAL MICROBIOLOGY	2	2	0	3 4
4	504002222 022	FOOD CHEMISTRY II	2	2	0	3 4
5	504002272 022	FOOD BIOCHEMISTRY	2	0	0	2 4
6	504002352 023	COMMUNITY SERVICE APPLICATIONS	1	0	0	1 1
7	DIF222202 3	DIFFERENTIAL EQUATIONS	2	1	0	2,5 6
8	MDSD02	Müfredat Dışı Seçmeli Ders Grubu - II	0	0	0	2 0
9	PFSDGII	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-II (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGII ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
Toplam			15	5	0	19,5 30

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5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504003012 008	FOOD ENGINEERING UNIT OPERATIONS-I	2	0	0	2 3
2	504003032 023	HEAT AND MASS TRANSFER	5	0	0	5 6
3	504003212 022	FOOD QUALITY ASSURANCE	3	2	0	4 4
4	504003392 022	FOOD MICROBIOLOGY	3	2	0	4 4
5	504003412 022	NUTRITION	2	0	0	2 3
6	504003432 010	NUMERICAL ANALYSIS	2	2	0	3 4
7	504003452 023	SUMMER PRACTICE I	0	0	0	0 3
8	MDSD03	Müfredat Dışı Seçmeli Ders Grubu - III	0	0	0	2 0
9	PFSDGIII	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-III (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGIII ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
10	UNI.ELEC. COU.I	UNIVERSITY ELECTIVE COURSE-I (Ders 1) [Bu ders UNI.ELEC.COU.I ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
Toplam			17	6	0	22 30

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504003072 023	FOOD ENGINEERING UNIT OPERATIONS-II	3	0	0	3 4
2	504003122 023	CEREAL TECHNOLOGY	2	0	0	2 3
3	504003132 023	OIL & FAT TECHNOLOGY	2	0	0	2 3
4	504003222 023	FRUIT AND VEGETABLE PROCESSING TECHNOLOGY	2	0	0	2 3
5	504003452 023	SUMMER PRACTICE I	0	0	0	0 3
6	504004052 025	DAIRY TECHNOLOGY	2	0	0	2 3
7	504004502 022	OCCUPATIONAL HEALTH AND SAFETY I	2	0	0	2 2
8	MDSD04	Müfredat Dışı Seçmeli Ders Grubu - IV	0	0	0	2 0
9	PFSDGIV	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-IV (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGIV ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
10	TECH.ELE CTIVE-2	TECHNICAL ELECTIVE II (Ders 1) [Bu ders TECH.ELECTIVE-2 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
11	TECH.ELE CTIVE-2	TECHNICAL ELECTIVE II (Ders 2) [Bu ders TECH.ELECTIVE-2 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
12	UNI.ELEC. COU.II	UNIVERSITY ELECTIVE COURSE-II (Ders 1) [Bu ders UNI.ELEC.COU.II ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
Toplam			13	0	0	15 30

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504004011 994	UNIT OPERATIONS LABORATORY	0	3	3	3 6
2	504004112 023	BIOTECHNOLOGY	2	0	0	2 3
3	504004372 023	MEAT TECHNOLOGY	2	0	0	2 3
4	504004412 022	GRADUATION PROJECT	0	4	0	4 4
5	504004432 022	GRADUATION PROJECT	0	4	0	4 8
6	504004482 010	PROCESS CONTROL	2	0	0	2 3
7	504004572 023	FOOD TECHNOLOGY LABORATORY	0	0	4	4 5
8	MDSD05	Müfredat Dışı Seçmeli Ders Grubu - V	0	0	0	2 0
9	PFSDGV	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-V (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGV ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
10	TECH.ELE CTIVE-3	TECHNICAL ELECTIVE III (Ders 1) [Bu ders TECH.ELECTIVE-3 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
11	TECH.ELE CTIVE-3	TECHNICAL ELECTIVE III (Ders 2) [Bu ders TECH.ELECTIVE-3 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
Toplam			6	11	7	23 38

PFSDGI						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	PF201	EĞİTİME GİRİŞ	3	0	0	3 4
2	PF203	ÖĞRETİM İLKE VE YÖNTEMLERİ	3	0	0	3 4

PFSDGII						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	PF202	EĞİTİMDE ÖLÇME VE DEĞERLENDİRME	3	0	0	3 4

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	504004091 994	FOOD ENGINEERING DESIGN AND ECONOMY	3	2	0	4 9
2	504004412 022	GRADUATION PROJECT	0	4	0	4 4
3	504004622 022	FOOD PACKAGING	2	0	0	2 4
4	504004642 022	OCCUPATIONAL HEALTH AND SAFETY II	2	0	0	2 3
5	504004662 022	GRADUATION PROJECT	0	4	0	4 8
6	CHA002	CHILD RIGHTS AND FAMILY EDUCATION	1	0	0	1 2
7	MDSD06	Müfredat Dışı Seçmeli Ders Grubu - VI	0	0	0	2 0
8	PFSDGVI	PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU-VI (İSTEĞE BAĞLI) (Ders 1) [Bu ders PFSDGVI ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 0
9	TECH.ELE CTIVE-4	TECHNICAL ELECTIVE IV (Ders 1) [Bu ders TECH.ELECTIVE-4 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
10	TECH.ELE CTIVE-4	TECHNICAL ELECTIVE IV (Ders 2) [Bu ders TECH.ELECTIVE-4 ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 3
11	TOSGRP	NONTECHNICAL ELECTIVE (Ders 1) [Bu ders TOSGRP ders grubundan alınacaktır, aşağıya bakınız]	0	0	0	0 2
Toplam			8	10	0	19 38
TECH.ELECTIVE-1						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	5040023620 22	ENGINEERING MECHANICS	2	0	0	2 3
2	5040023720 22	MATERIAL SCIENCE	2	0	0	2 3
3	5040024720 22	STRENGTH OF MATERIALS	2	0	0	2 3

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2	PF204	EĞİTİM PSİKOLOJİSİ	3	0	0	3	4
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UNI.ELEC.CO.U.I							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	BİLF301PAI	PRINCIPLES OF ARTIFICIAL INTELLIGENCE	2	0	0	2	3
2	EAM305TE XM	TEXTILE MANUFACTURING PROCESS FROM FIBER TO GARMENT WITH THE INNOVATIVE E-LEARNING METHODS	2	0	0	2	3
3	EDB301HHA	HEALTH HUMANITIES AND THE ARTS	2	0	0	2	3
4	Ede3131ITT	INTRODUCTION TO TRANSLATION I	2	0	0	2	3
5	Ede315PTL	PLANTS AND TREES IN LITERATURE	2	0	0	2	3
6	Ede315SF	SCIENCE FICTION	2	0	0	2	3
7	EMYO301B CP	BASIC COMPUTER PROGRAMMING WITH MATLAB	2	0	0	2	3
8	ENF309VM	DATA MINING	2	0	0	2	3
9	FEN305UPL	UNDERSTANDING PLANT LIFE	2	0	0	2	3
10	İİB305BE	BUSINESS ECONOMICS	2	0	0	2	3
11	İİB307BE	MANAGEMENT CONSULTANCY	2	0	0	2	3
12	İİB307IGP	INTRODUCTION TO GLOBAL POLITICS	2	0	0	2	3
13	MÜH311INT M	INTRODUCTION TO MECHATRONICS	3	0	0	3	3
14	MÜH315BA BI	BACTERIA, BIOFILM AND BIOLOGICAL DENITRIFICATION	2	0	0	2	3
15	MÜH317DWT	DRINKING AND WASTE WATER TECHNOLOGY	2	0	0	2	3
16	MÜH321INT X	INTRODUCTION TO TEXTILES	2	0	0	2	3
17	MÜH325PT SP	PREPARATION TECHNIQUES OF SCIENTIFIC PAPER AND PRESENTATION	2	0	0	2	3
18	YEN305EFBE	ENGLISH FOR BUSINESS AND ENTREPRENEURSHIP	2	0	0	2	3
19	ZİR305HLA N	HEALTHY LIFE AND NUTRITION	2	0	0	2	3

TECH.ELECTIVE-2							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	5040031820 04	FOOD TOXICOLOGY-INHERENT TOXICANTS,CONTAMINANTS AND FOOD ADDITIVES	2	0	0	2	3
2	5040036820 22	EVALUATION OF EXPERIMENTAL RESULTS	2	0	0	2	3
3	5040037020 22	MICROBIOLOGICAL QUALITY CONTROL	2	0	0	2	3
4	5040037220 22	SPECIAL TOPICS IN FOOD ENGINEERING I	2	0	0	2	3
5	5040037420 22	CHEMISTRY OF MEDICAL AND FUNCTIONAL FOOD	2	0	0	2	3
6	5040038220 25	TECHNICAL PROBLEM SOLVING IN FOOD INDUSTRY	2	0	0	2	3

PFSDGV							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	PF401	REHBERLİK VE ÖZEL EĞİTİM	3	0	0	3	4

PFSDGVI							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	PF402	ÖĞRETMENLİK UYGULAMASI	1	8	0	5	10

PFSDGIII							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	PF301	SINIF YÖNETİMİ	2	0	0	2	3
2	PF303	ÖZEL ÖĞRETİM YÖNTEMLERİ	3	0	0	3	4

PFSDGIV							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	PF302	ÖĞRETİM TEKNOLOJİLERİ	2	0	0	2	3

UNI.ELEC.CO.U.II							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	BİLF301PAI	PRINCIPLES OF ARTIFICIAL INTELLIGENCE	2	0	0	2	3
2	Ede314ITT	INTRODUCTION TO TRANSLATION II	2	0	0	2	3
3	EĞT306CC DG	CAREER COUNSELING WITH DISADVANTAGED GROUPS	2	0	0	2	3
4	EĞT309UN D	UNDERSTANDING CHILDHOOD ACROSS DISCIPLINES	2	0	0	2	3
5	EĞT311ITP	INTRODUCTION TO PSYCHOLOGY	2	0	0	2	3
6	EMYO301B CP	BASIC COMPUTER PROGRAMMING WITH MATLAB	2	0	0	2	3
7	EMYO302AI S	AI-SUPPORTED SUSTAINABLE TEXTILE PRODUCTION	2	0	0	2	3
8	FEN310INE S	INTRODUCTION TO ENVIRONMENTAL SCIENCE	2	0	0	2	3
9	İİB308IGG	INTRODUCTION TO GLOBAL GOVERNANCE	2	0	0	2	3
10	MÜH308AL EF	ALTERNATIVE ENGINES AND FUELS	3	0	0	3	3
11	MÜH314INT B	INTRODUCTION TO BIOMECHANICS	2	0	0	2	3
12	MÜH322BP BE	BIODESIGN PRINCIPLES AND BIOCOMPOSITES: ENGINEERING AND DESIGN APPROACHES	2	0	0	2	3
13	MÜH325PT SP	PREPARATION TECHNIQUES OF SCIENTIFIC PAPER AND PRESENTATION	2	0	0	2	3

TECH.ELECTIVE-3							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	5040044520 22	SPECIAL TOPICS IN FRUIT AND VEGETABLE TECHNOLOGY	2	0	0	2	3
2	5040044720 22	CEREAL PRODUCTS TECHNOLOGY	2	0	0	2	3
3	5040044920 22	NEW TECHNIQUES IN OIL REFINING TECHNOLOGY	2	0	0	2	3
4	5040045120 22	SPECIAL TOPICS IN FOOD ENGINEERING II	2	0	0	2	3
5	5040045320 22	HACCP APPLICATIONS IN FOOD INDUSTRIES	2	0	0	2	3
6	5040045520 22	FOOD LEGISLATION	2	0	0	2	3
7	5040046820 22	CHEESE TECHNOLOGY	2	0	0	2	3

TECH.ELECTIVE-4							
No	Ders Kodu	Ders Adı	T	U	L	Kredi	ECTS
1	5040044020 07	PLANT ORGANIZATION AND MANAGEMENT	2	0	0	2	3
2	5040047020 22	FERMENTATION TECHNOLOGY	2	0	0	2	3

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TOSGRP						
No	Ders Kodu	Ders Adı	T	U	L	Kredi ECTS
1	BTF4022022	HISTORY AND PHILOSOPHY OF SCIENCE	2	0	0	2 2
2	GID4042022	BASIC COMMUNICATION	2	0	0	2 2
3	GID4062022	FUNDAMENTALS OF LAW	2	0	0	2 2
4	GID4102022	PUBLIC AFFAIRS	2	0	0	2 2
5	GID4122022	TECHNICAL FOREIGN LANGUAGE II	2	0	0	2 2
6	GID4142022	MARKETING	2	0	0	2 2
7	GID4162022	READING AND WRITING SKILLS	2	0	0	2 2
8	GID4182022	INTRODUCTION TO UNIVERSITY LIFE	2	0	0	2 2
9	GIP4022022	ENTREPRENEURSHIP AND PREPARATION OF BUSINESS PLAN	2	0	0	2 2
10	GRE4022022	ENTREPRENEURSHIP	2	0	0	2 2
11	INT4042022	COMMERCIALIZATION OF INNOVATION AND ENTREPRENEURSHIP	2	0	0	2 2
12	MTY4022022	BASIS OF BUSINESS MANAGEMENT AND MANAGERIAL SKILLS FOR ENGINEERS	2	0	0	2 2

3	5040047220	BASIC QUALITY INDICES IN FOOD QUALITY CONTROL	2	0	0	2 3
4	5040047420	SEA FOOD PRODUCTS TECHNOLOGY	2	0	0	2 3
5	5040047620	OPTIMAL NUTRITIONAL APPROACH IN FOOD PRODUCT DEVELOPMENT	2	0	0	2 3