



Kafkas Üniversitesi
FACULTY OF ENGINEERING AND ARCHITECTURE

Gıda Mühendisliği

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1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400AİT1012021	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY I	2+0+0	Compulsory	2
20400FİZ1012021	PHYSICS I	3+0+2	Compulsory	5
20400GM-KP2021	CAREER PLANNING	1+0+0	Compulsory	2
20400GM1012021	INTRODUCTION TO FOOD ENGINEERING	2+0+0	Compulsory	3
20400KİM1012021	GENERAL CHEMISTRY	3+0+2	Compulsory	6
20400MAT1012021	MATHEMATICS - I	4+0+0	Compulsory	6
20400MF-TRS2021	TECHNICAL DRAWING	1+2+0	Compulsory	4
20400TD1012021	TURKISH LANGUAGE-I	2+0+0	Compulsory	2
20400YBD1012021	TURKISH LANGUAGE-I	2+0+0	Compulsory	2
Total ECTS				32

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400AİT1022021	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY II	2+0+0	Compulsory	2
20400BİY1022021	BIOLOGY	2+0+0	Compulsory	3
20400FİZ1022021	PHYSICS II	3+0+2	Compulsory	5
20400MAT1022021	MATHEMATICS II	4+0+0	Compulsory	6
20400MF-BİL2021	COMPUTER PROGRAMMING	1+2+0	Compulsory	5
20400MF-İST2021	STATISTICAL PROBABILITY	2+1+0	Compulsory	5
20400TD1022021	TURKISH LANGUAGE II	2+0+0	Compulsory	2
20400YBD1022021	FOREIGN LANGUAGE II	2+0+0	Compulsory	2
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GM-2012021	MATERIAL SCIENCE	3+0+0	Compulsory	4
20400GM-2032021	FOOD CHEMISTRY	3+0+0	Compulsory	4
20400GM-2052021	FOOD ENGINEERING LABORATORY TECHNIQUES	0+0+3	Compulsory	5
20400GM-2072021	GENERAL MICROBIOLOGY	2+0+2	Compulsory	3
20400KİM-2012021	ANALYTICAL CHEMISTRY	2+0+0	Compulsory	2
20400KİM-2032021	ORGANIC CHEMISTRY	3+0+0	Compulsory	3
20400MAT2012021	Differential equations	3+0+0	Compulsory	5
20400MF-2012021	THERMODYNAMICS	3+0+0	Compulsory	4
Total ECTS				30

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GM-2022021	ENGINEERING MECHANICS	3+0+0	Compulsory	4
20400GM-2042021	ENSTürmental FOOD ANALYSIS	1+0+2	Compulsory	4
20400GM-2062021	NUTRITION	2+0+0	Compulsory	3
20400GM-2082021	FOOD ADDITIVES	2+0+0	Compulsory	3
20400GM-2102021	FOOD BIOCHEMISTRY	3+0+0	Compulsory	3
20400GM-2122021	TECHNICAL SKILL-I	0+2+0	Compulsory	2
20400MF-MAT2021	ENGINEERING MATHEMATICS	2+1+0	Compulsory	5
20400MF-2042021	NUMERICAL METHODS	2+1+0	Compulsory	4
20400MF-ÜSS2021	UNIVERSITY SOCIAL ELECTIVE	2+0+0	Elective	2
Total ECTS				30

5.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GM-3012021	OIL PROCESSING TECHNOLOGY	3+0+0	Compulsory	6
20400GM-3032021	FRUIT AND VEGETABLE PROCESSING TECHNOLOGY	3+0+0	Compulsory	6
20400GM-3052021	SPECIAL FOOD TECHNOLOGY	2+0+0	Compulsory	4
20400GM-3092021	FOOD SAFETY AND HYGIENE	2+0+0	Compulsory	4
20400MFS-303202	FACULTY ELECTIVE	2+0+0	Compulsory	3
20400MF-3012021	FLUID MECHANICS	2+1+0	Compulsory	4
20400GM-3072021	DEPARTMENT ELECTIVE-I	-	Elective	3
Total ECTS				30

20400GMS-307202 SPICE TECHNOLOGY	3+0+0	Elective	3
20400GMS-307202 GENETIC MODIFIED FOODS	3+0+0	Elective	3
20400GM-3122019 CHEESE TECHNOLOGY	3+0+0	Elective	3

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GM-3022021	FOOD MICROBIOLOGY	3+0+2	Compulsory	6
20400GM-3042021	MILK PROCESSING TECHNOLOGY	3+0+2	Compulsory	6
20400GM-3062021	FOOD BIOTECHNOLOGY	3+0+0	Compulsory	4
20400GM-3082021	HEAT AND MASS TRANSFER	3+0+0	Compulsory	4
20400GM-3102021	UNPROCESSED FOOD BIOCHEMICAL CHANGE	3+0+0	Compulsory	4
20400GM-3142021	TECHNICAL SKILL II	0+2+0	Compulsory	2
20400MF-GIR2021	ENTREPRENEURSHIP	3+0+0	Compulsory	2
20400GM-3122017	DEPARTMENT ELECTIVE-II	-	Elective	2
			Total ECTS	30
20400GM-3122020	FERMANTE TECHNOLOGY	2+0+0	Elective	2
20400GM-3122021	FOOD POISONING AND INFECTION	2+0+0	Elective	2
20400GM3122021	FOOD INDUSTRY WASTES	2+0+0	Elective	2

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GMS-407202	FOOD ENGINEERING DESIGN-I	2+2+0	Compulsory	4
20400GM-4012021	PROCESS CONTROL	2+0+0	Compulsory	5
20400GM-4032021	MEAT TECHNOLOGY	3+0+0	Compulsory	4
20400GM-4052021	FOOD PACKAGING	2+0+0	Compulsory	3
20400MF-EKO2021	ENGINEERING ECONOMY	3+0+0	Compulsory	5
20400MF-IGE2021	OCCUPATIONAL SAFETY AND ENGINEERING ETHICS	2+0+0	Compulsory	3
20400MM-4072021	FOOD ANALYSIS LABORATORY	2+0+4	Compulsory	6
			Total ECTS	30

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20400GM-4022021	BASIC OPERATIONS	3+4+0	Compulsory	6
20400GM-4042021	GRAIN TECHNOLOGY	3+0+0	Compulsory	5
20400GM-4062021	GRADUATION PROJECT	0+2+0	Compulsory	5
20400GM-4082021	FOOD ENGINEERING DESIGN-II	2+2+0	Compulsory	5
20400GM-4102021	FOOD QUALITY CONTROL AND LEGISLATION	2+0+0	Compulsory	3
20400MF-SOS2021	FACULTY SOCIAL ELECTIVE	2+0+0	Compulsory	3
20400GMS-412202	DEPARTMENT ELECTIVE-III	-	Elective	3
			Total ECTS	30
20400GMS-412202	SENSORY ANALYSIS	3+0+0	Elective	3