



NEAR EAST UNIVERSITY

DEPARTMENT OF Food Engineering

Course and Program Outcomes Matrix

2021-2022

Program details and the individual grade/marks obtained:

1 (1st Semester)

2 (2nd Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
CAM100	Campus Orientation	0	2	Compulsory		CHC100	Cyprus History and Culture	0	2	Compulsory	
MTH101	Calculus I	4	5	Compulsory		MTH102	Calculus II	4	6	Compulsory	
PHY101	General Physics I	4	5	Compulsory		PHY102	General Physics II	4	6	Compulsory	
CHM104	General Chem. for Biolog.&Eng.	4	5	Compulsory		CHM122	Organic Chemistry	3	5	Compulsory	
ECC107	Biology	2	4	Compulsory		ECC103	Technical Drawing	3	3	Compulsory	
FDE101	Int. to Food Engineering	1	3	Compulsory		ENG102	English II	3	3	Compulsory	
ENG101	English I	3	3	Compulsory		TUR102	Turkish for Foreign Students	2	2	Compulsory	
TUR101	Turkish for Foreign Students	2	2	Compulsory		AİT104	Princ. of Kemal Atatürk Revolutions	2	2	Compulsory	
AİT103	Princ. of Kemal Atatürk Revolutions	2	2	Compulsory							
		22	31					21	29		

3 (3rd Semester)

4 (4th Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
FDE201	Mass & Energy Balances	3	6	Compulsory		FDE202	Thermodynamics	4	5	Compulsory	
ECC217	Microbiology	3	5	Compulsory		FDE206	Food Microbiology	4	4	Compulsory	
FDE205	Biochemistry	3	5	Compulsory		FDE212	Food Eng. Unit Op. I	4	5	Compulsory	
ENG201	Writing Tech. In Academic Eng.	3	3	Compulsory		CHM212	Analytical Chemistry	3	5	Compulsory	
MTH201	Differential Equations	4	5	Compulsory		FDE214	Engineering Materials	3	4	Compulsory	
GER101	German Language	3	3	Elective		ECC426	Economics for Engineers	3	5	Elective	
ECC016	Int. to Comp. & Prog.	3	3	Compulsory		CAR100	Carrier Planning	0	2	Elective	
		22	30					21	30		

5 (5th Semester)6 (6th Semester)

Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
FDE300	Summer Practice I	0	2	Compulsory		FDE302	Food Analysis	3	5	Compulsory	
FDE301	Instrumental Analysis	3	6	Compulsory		FDE304	Food Chemistry II	3	5	Compulsory	
FDE303	Food Chemistry I	3	6	Compulsory		FDE306	FE. Applied Kinetics	3	5	Compulsory	
FDE311	Food Eng. Unit Op. II	4	6	Compulsory		GDM312	Food Eng. Unit Op. III	4	6	Compulsory	
MTH251	Probability & Statistics	3	6	Compulsory		ECC427	Management for Engineers	3	5	Compulsory	
FDE321	Food Biotechnology	2	4	Tech.Elect.		FDE322	Principles of Nutrition	2	4	Tech.Elect.	
		15	30					18	30		

7 (7th Semester)8 (8th Semester)

Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
FDE400	Summer Practice II	0	2	Compulsory		FDE402	Food Eng. Design II	3	7	Compulsory	
FDE401	Food Eng. Design I	3	5	Compulsory		FDE404	Quality Control in FE	3	7	Compulsory	
FDE403	Process Control	3	5	Compulsory		FDE412	FE. Unit Op. Lab.	3	6	Compulsory	
FDE407	Food Packaging Tech.	2	3	Compulsory		FDE426	Diary Technology	3	5	Tech.Elect.	
FDE411	Food Technology	3	5	Compulsory		FDE432	Food Legislation	3	5	Tech.Elect.	
FDE423/421	Fruit and Vegetables Technology/Cereal Technology	3	5	Tech.Elect.							
FDE427	Meat Technology	3	5	Tech.Elect.							
		17	30					15	30		

TOTAL CREDITS: 151 - ECTS: 240