

**YEDITEPE UNIVERSITY
FOOD ENGINEERING DEPARTMENT
MINOR PROGRAMME**

FOOD ENGINEERING DEPARTMENT MINOR GRADUATION CREDIT: 21

COURSE CODE	COURSE NAME*	SEMESTER	CREDIT	ECTS	PREREQUISITE
Required courses					
FDE 101	Introduction to Food Engineering	1	3	5	
FDE 201	Food Chemistry	3	3	5	CHEM 111
FDE 204	Food Safety and Risk Assessment	6	3	5	**
FDE 417	Sustainability Strategies and Assessment in the Food Sector	7	3	5	
FDE 344	Food Technology	6	3	5	
FDE 345	Statistical Quality Control in Food Industry	6	3	5	
Elective Courses**					
FDE 350	Kinetics of Food Reactions and Shelf Life	8	3	5	
FDE 418	Digital Innovation in the Food System	8	3	5	
FDE XX3-8	Restricted Elective	5-8	3	5	
	Total Credit		21	35	

*If students have already taken these courses or their equivalents in their own programs, they must choose another course from the Food Engineering Department with the approval of their advisor.

Minor program students whose major is Nutrition and Dietetics may take another course approved by their advisors instead of FDE 201 or take FDE 201 without prerequisites.

**As per the Department Board decision, this course may be taken without prerequisites by submitting a petition.

***To complete the program, students must select one course from the elective course pool.

Course Equivalency Rules

1. For students who have taken FDE 317, which has been removed from the program:
FDE 317 = FDE 417
2. For students who have taken FDE 337, which has been removed from the program:
 - a. If they have taken FDE 345 during their studies: FDE 317 = Elective course from the pool
 - b. If they have not taken FDE 345: FDE 337 = FDE 345

* If the students have taken these courses or their equivalents in their own programs, they will choose another course from the Food Engineering Department courses with the approval of the advisor.

Prerequisites will be required for courses with prerequisites.

**Students are required to choose 1 course from the elective course pool in order to complete the program..

***Students who take FDE 345 or FDE 337 as a compulsory course can take FDE 337 or FDE 345 as an elective course if they wish.

Minor rankings:

FDE 358 will be counted as equivalent to FDE 345:

- 1-) For students who have taken the FDE 358 course and have not taken the FDE 337 course, the FDE 358 course (equivalent to FDE 345) will be counted as a compulsory course, students will be able to take FDE 337 as an elective course.
- 2-) For students who have taken FDE 337 and FDE 358, FDE 358 (equivalent to FDE 345) will be counted as compulsory and FDE 337 elective courses.
- 3-) For students who have taken the FDE 337 course and have not taken the FDE 358 course, the FDE 337 course will be counted as a compulsory course, and the student will be able to take the FDE 345 course as an elective course.
- 4-) Students who have not taken the FDE 358 and FDE 337 course will choose a course in line with the current minor program protocol.