FUNCT OF A FORTER					
FIRST SEMESTER					
		ECTS			
COURSE NAME	CREDIT	CREDIT	PREREQUISITES		
Basic Calculus	(3-2) 4	5			
General Physics I	(3-2) 4	7			
Biology I	(3-0) 3	5			
General Chemistry I	(3-0) 3	5			
General Chemistry Lab I	(0-2) 1	2			
Development of Reading and					
Writing Skills I	(3-0) 3	3			
Introduction to Food					
Engineering	(2-0) 2	3			
Total Number of Credits in the					
Semester :	20	30			
STER					
		ECTS			
COURSE NAME	CREDIT	CREDIT	PREREQUISITES		
Basic Calculus II	(3-2) 4	6			
General Physics II	(3-2) 4	8			
General Chemistry II	(3-0) 3	5			
General Chemistry Lab. II	(0-2) 1	2			
Development of Reading and					
Writing Skills II	(3-0) 3	3			
Career Planning and					
Development	(2+0) 0	2			
Fundamentals of Nutrition	(3-0) 3	6			
Total Number of Credits in the					
Semester :	18	32			
	COURSE NAME Basic Calculus General Physics I Biology I General Chemistry I General Chemistry Lab I Development of Reading and Writing Skills I Introduction to Food Engineering Total Number of Credits in the Semester: TER COURSE NAME Basic Calculus II General Physics II General Chemistry II General Chemistry Lab. II Development of Reading and Writing Skills II Career Planning and Development Fundamentals of Nutrition Total Number of Credits in the	COURSE NAME Basic Calculus General Physics I Biology I General Chemistry I Development of Reading and Writing Skills I COURSE NAME CREDIT Basic Calculus II General Chemistry II General Chemistry II Co-2) 1 Development of Reading and Writing Skills II Career Planning and Development CY+O) O Fundamentals of Nutrition Total Number of Credits in the	COURSE NAME CREDIT CREDIT Basic Calculus General Physics I Biology I General Chemistry I Development of Reading and Writing Skills I Semester: COURSE NAME CREDIT CREDIT CREDIT CREDIT CREDIT CREDIT CREDIT CREDIT CREDIT COURSE NAME COURSE NAME COURSE NAME COURSE NAME COURSE NAME CREDIT CREDIT		

THIRD SEMESTER				
			ECTS	
COURSE CODE	COURSE NAME	CREDIT	CREDIT	PREREQUISITES
MATH 255	Differential Equations	(4-0) 4	6	
CHEM 221	Organic Chemistry	(4-0) 4	5	
CHEM 201	Analytical Chemistry I	(3-0) 3	5	
	Material and Energy Balances			
FE 201	in Engineering	(3-0) 3	6	
	Basic Programming for			
FE 211	Engineers	(2+2) 3	5	
		(2-0)		
TURK 201	Turkish Language I (NC)	Kredisiz	2	
		(2-0)		
HIST 201	Principles of Atatürk I (NC)	Kredisiz	2	
	Total Number of Credits in the			
	Semester :	17	31	
FOURTH SEMESTER				
			ECTS	
COURSE CODE	COURSE NAME	CREDIT	CREDIT	PREREQUISITES
FE 202	Fluid Mechanics	(3-0) 3	6	FE 201

	Numerical Methods in			
FE 204	Engineering	(3-0) 3	5	
FE 206	Food Microbiology	(3-2) 4	7	
		(2-0)		
TURK 202	Turkish Language II (NC)	Kredisiz	2	
		(2-0)		
HIST 202	Principles of Atatürk II (NC)	Kredisiz	2	
	Introduction to Statistics for			
FE 210	Engineers	(3-0) 3	5	
ECON 205	Principles of Economics	(3-0) 3	4	
	Total Number of Credits in the			
	Semester :	16	31	

FIFTH SEMESTER						
			ECTS			
COURSE CODE	COURSE NAME	CREDIT	CREDIT	PREREQUISITES		
FE 301	Heat Transfer	(3-0) 3	6	FE 201,202		
FE 303	Thermodynamics	(3-0) 3	6	FE 201		
FE 305	Food Chemistry	(3-0) 3	5			
FE 321	Food Chemistry Laboratory	(0-2) 1	2			
	Applied Nutrition in Food					
FE 323	Science	(3-0) 3	5			
	Technical Writing and					
ENG 301	Communication	(3-0) 3	3			
	Nontechnical Elective	(3-0) 3	3			
	Total Number of Credits in the					
	Semester :	19	30			
SIXTH SEMESTE	SIXTH SEMESTER					
			ECTS			
Dersin Kodu	Dersin Adı	CREDIT	CREDIT	PREREQUISITES		
				FE 201, 202,		
FE 302	Mass Transfer	(3-0) 3	6	301, 303		
	Food Engineering Unit					
FE 304	Operations	(3-0) 3	5	FE301		
FE 322	Unit Operations Laboratory	(0-4) 2	4	FE301		
FE 324	Nutritional Biochemistry	(3-0) 3	5			
FE 310	Food Technology	(3-0) 3	5			
	Technical Elective	(3-0) 3	5			
	Total Number of Credits in the					
	Semester :	17	30			

SEVENTH SEMESTER				
			ECTS	
COURSE CODE	COURSE NAME	CREDIT	CREDIT	PREREQUISITES
	Principles of Food Safety and			
FE 401	Quality Assurance	(3-2) 4	5	
FE 403	Food Process Design	(4-0) 4	8	FE 302, 304, 322

	Nontechnical Elective	(3-0) 3	3	
	Technical Elective	(3-0) 3	5	
	Bioprocess Engineering and			
FE 423	Reaction Kinetics in Foods	(3-0) 3	5	
	Instrumental Analysis in Foods			
FE 419	and Nutrition	(2-2) 3	5	
FE 400	Summer Practice (NC)	(0-0) 0	1	
	Total Number of Credits in the			
	Semester :	20	32	
EIGHTH SEMES	TER			
			ECTS	
COURSE CODE	COURSE NAME	CREDIT	CREDIT	PREREQUISITES
	Corporate Communication			
	and Management Skills for	(3-0)		
MAN 211	Engineers	Kredisiz	3	
	Product Engineering For			
FE 408	Functional Foods	(3-2) 4	9	FE 403
	Nontechnical Elective	(3-0) 3	3	
	Technical Elective	(3-0) 3	5	
	Technical Elective	(3-0) 3	5	
	Technical Elective	(3-0) 3	5	
	Total Number of Credits in the			
	Semester :	16	30	
	Total Credits :	143	246	