



Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY
FDE 402	Graduation Project	3.0	0	6		8	MT	Z	8
FDE 404	Food Engineering Design II	3.0	3	0		4	MT	Z	8
	Elective Course (TM)	3.0	3	0		5	TM	S	8
	Elective Course (ITB)	3.0	3	0		4	ITB	S	8
	Elective Course (ITB)	3.0	3	0		4	ITB	S	8
	Elective Course (MT)	3.0	3	0		5	MT	S	8
Dönem 8:		18.0	15	6	0	30			
TOPLAM:		160.5	145.0	11.0	20.0	240.0			

Temel Bilim (TB)	44.5	123.6	25 min
Temel Mühendislik (TM)	33.0	91.7	20min
Mühendislik Tasarım (MT)	47.0	130.6	25-35
İnsan & Toplum Bilim (ITB)	36.0	100.0	20min
<b>Toplam Kredi</b>	<b>160.5</b>	<b>445.8</b>	
<b>Zorunlu Ders Kredisi</b>	<b>115.5</b>	<b>256.7</b>	
<b>Seçmeli Ders Kredisi</b>	<b>45.0</b>	<b>100.0</b>	min20
<b>Toplam Kredi</b>	<b>160.5</b>	<b>356.7</b>	

<b>Bologna Kriterleri</b>			
<b>Toplam AKTS</b>	<b>240.0</b>	<b>100.0</b>	
<b>Seçmeli</b>	<b>64.0</b>	<b>26.7</b>	min 25

**SEÇMELİ DERSLER**

<b>2.Yarıyıl(BAHAR) ITB Secmeli Ders Grubu (SGS)</b>									
	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
SEC101.1	2	2	0	0	2	ITB	S	2/3	
SEC101.2	2	2	0	0	2	ITB	S	2/3	
SEC101.3	2	2	0	0	2	ITB	S	2/3	
SEC101.4	2	2	0	0	2	ITB	S	2/3	
SEC101.5	2	2	0	0	2	ITB	S	2/3	
SEC101.6	2	2	0	0	2	ITB	S	2/3	
SEC101.7	2	2	0	0	2	ITB	S	2/3	
SEC101.8	2	2	0	0	2	ITB	S	2/3	
SEC101.9	2	2	0	0	2	ITB	S	2/3	
SEC101.10	2	2	0	0	2	ITB	S	2/3	
SEC101.11	2	2	0	0	2	ITB	S	2/3	
SEC101.12	2	2	0	0	2	ITB	S	2/3	
SEC101.13	2	2	0	0	2	ITB	S	2/3	
SEC101.14	2	2	0	0	2	ITB	S	2/3	
SEC101.15	2	2	0	0	2	ITB	S	2/3	
SEC101.16	2	2	0	0	2	ITB	S	2/3	
SEC101.17	2	2	0	0	2	ITB	S	2/3	
SEC101.18	2	2	0	0	2	ITB	S	2/3	
SGS101.19	2	2	0	0	2	ITB	S	2/3	
SEC101.20	2	2	0	0	2	ITB	S	2/3	
SEC101.21	2	2	0	0	2	ITB	S	2/3	
SEC101.22	2	2	0	0	2	ITB	S	2/3	
SEC101.23	2	2	0	0	2	ITB	S	2/3	
SEC101.24	2	2	0	0	2	ITB	S	2/3	
SEC101.25	2	2	0	0	2	ITB	S	2/3	
SEC101.26	2	2	0	0	2	ITB	S	2/3	
SEC101.27	2	2	0	0	2	ITB	S	2/3	
SEC101.28	2	2	0	0	2	ITB	S	2/3	
SEC101.29	2	2	0	0	2	ITB	S	2/3	
SEC101.30	2	2	0	0	2	ITB	S	2/3	
SEC101.31	2	2	0	0	2	ITB	S	2/3	
SEC101.32	2	2	0	0	2	ITB	S	2/3	
SEC101.33	2	2	0	0	2	ITB	S	2/3	
SEC101.34	2	2	0	0	2	ITB	S	2/3	
SEC101.35	2	2	0	0	2	ITB	S	2/3	
SEC101.36	2	2	0	0	2	ITB	S	2/3	
KRP101	2	2	0	0	2	ITB	S	2/3	
<b>3.Yarıyıl(GÜZ)-TB Secmeli Ders Grubu</b>									
	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
FDE 213	3	3	0	0	4	TB	S	3	
ISM 208E	3	3	0	0	4	TB	S	3	
MAT 201E	3	3	0	0	4	TB	S	3	
FDE 217	3	3	0	0	4	TB	S	3	
<b>3.Yarıyıl(GÜZ) ITB Secmeli Ders Grubu (SGS)</b>									
	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
SEC201.1	2	2	0	0	2	ITB	S	2/3	
SEC201.2	2	2	0	0	2	ITB	S	2/3	
SEC201.3	2	2	0	0	2	ITB	S	2/3	

SEC201.4	Effective and Well Speaking	2	2	0	0	2	ITB	S	2/3	
SEC201.5	Basic First Aid and Emergency	2	2	0	0	2	ITB	S	2/3	
SEC201.6	Archery	2	2	0	0	2	ITB	S	2/3	
SEC201.7	Boxing, Karate and Taekwondo	2	2	0	0	2	ITB	S	2/3	
SEC201.8	Football	2	2	0	0	2	ITB	S	2/3	
SEC201.9	Volleyboll	2	2	0	0	2	ITB	S	2/3	
SEC201.10	Basketboll	2	2	0	0	2	ITB	S	2/3	
SEC201.11	Tennis	2	2	0	0	2	ITB	S	2/3	
SEC201.12	Table Tennis	2	2	0	0	2	ITB	S	2/3	
SEC201.13	Folk Dances	2	2	0	0	2	ITB	S	2/3	
SEC201.14	Music Culture	2	2	0	0	2	ITB	S	2/3	
SEC201.15	Arts&Painting	2	2	0	0	2	ITB	S	2/3	
SEC201.16	Theatre and Cinema	2	2	0	0	2	ITB	S	2/3	
SEC201.17	Healthy Living	2	2	0	0	2	ITB	S	2/3	
SEC201.18	Nutrition	2	2	0	0	2	ITB	S	2/3	
SGS201.19	Media Literacy	2	2	0	0	2	ITB	S	2/3	
SEC201.20	Mathematical Esthetics	2	2	0	0	2	ITB	S	2/3	
SEC201.21	Industrial Design	2	2	0	0	2	ITB	S	2/3	
SEC201.22	Basic Photography	2	2	0	0	2	ITB	S	2/3	
SEC201.23	Surfing	2	2	0	0	2	ITB	S	2/3	
SEC201.24	Japanese I	2	2	0	0	2	ITB	S	2/3	
SEC210.25	Japanese II	2	2	0	0	2	ITB	S	2/3	
SEC201.26	Mythology	2	2	0	0	2	ITB	S	2/3	
SEC201.27	Ancient Cities	2	2	0	0	2	ITB	S	2/3	
SEC201.28	Sociology	2	2	0	0	2	ITB	S	2/3	
SEC201.29	Philosophy	2	2	0	0	2	ITB	S	2/3	
SEC201.30	Ancient DNA: History of the Past	2	2	0	0	2	ITB	S	2/3	
SEC201.31	Genetic Heritage	2	2	0	0	2	ITB	S	2/3	
SEC201.32	Modern Genetic Applications: Gene Cloning	2	2	0	0	2	ITB	S	2/3	
SEC201.33	Food and Food Culture	2	2	0	0	2	ITB	S	2/3	
SEC201.34	Diet and Health	2	2	0	0	2	ITB	S	2/3	
SEC201.35	Traditional Foods	2	2	0	0	2	ITB	S	2/3	
SEC201.36	Organic Agriculture	2	2	0	0	2	ITB	S	2/3	
<b>4.Yarıyıl(BAHAR) ITB Secmeli Ders Grubu</b>										
FDE 220	Technology and R&D	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 222	Waste Management and Sustainability	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 224	Food Law and Policy	3	3	0	0	4	ITB	S	3/5/6/8	
<b>5.Yarıyıl(GÜZ) ITB Secmeli Ders Grubu</b>										
FDE 316	Research Methods and Scientific Ethics	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 317	Food and Nutrition	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 324	Total Quality Management	3	3	0	0	4	ITB	S	3/5/6/8	
<b>5.Yarıyıl(GÜZ) TM Secmeli Ders Grubu</b>										
FDE 313	Food Packaging	3	3	0	0	5	TM	S	5/7/8	
FDE 315	Hygiene Control in the Food Industry	3	3	0	0	5	TM	S	5/7/8	
FDE 319	Thermal Process Engineering	3	3	0	0	5	TM	S	5/7/8	
<b>6.Yarıyıl(BAHAR) ITB Secmeli Ders Grubu</b>										
FDE 314	Functional Foods	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 318	Food Traceability	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 323	Academic Literacy	3	3	0	0	4	ITB	S	3/5/6/8	
<b>6.Yarıyıl(BAHAR) MT Secmeli Ders Grubu</b>										
FDE 423	Food Product Development	3	3	0	0	5	MT	S	6/7/8	
FDE427	Food Additives	3	3	0	0	5	MT	S	6/7/9	
FDE 437	Microbiology and Technology of Fermented Foods	3	3	0	0	5	MT	S	6/7/8	
<b>7.Yarıyıl(GÜZ) TM Secmeli Ders Grubu</b>										
FDE 411	Shelf Life of Foods	3	3	0	0	5	TM	S	5/7/8	
FDE325	Nutrition in Health and Disease	3	3	0	0	5	TM	S	5/7/8	
FDE 416	Stability of Colloidal Dispersions of Foods	3	3	0	0	5	TM	S	5/7/8	
<b>7.Yarıyıl(GÜZ) MT Secmeli Ders Grubu</b>										
FDE 421	Sensory Analysis of Foods	3	3	0	0	5	MT	S	6/7/8	
FDE 429	Biochemical Changes During Food Processing	3	3	0	0	5	MT	S	6/7/8	
FDE435	Food Toxicology	3	3	0	0	5	MT	S	6/7/9	
FDE 431	Fruit and Vegetable Technology	3	3	0	0	5	MT	S	6/7/8	
<b>8.Yarıyıl(BAHAR) ITB Secmeli Ders Grubu</b>										
FDE 410	Int.to Entrepreneurship&Innov.	3	3	0	0	4	ITB	S	3/5/6/8	
FDE 412	Entrepreneurship	3	3	0	0	4	ITB	S	3/5/6/8	

FDE 420	Trends in Food Science	3	3	0	0	4	ITB	S	3/5/6/8
<b>8.Yarıyıl(BAHAR) TM Seçmeli Ders Grubu</b>		<b>Kredi</b>	<b>Ders</b>	<b>Uyg</b>	<b>Lab</b>	<b>AKTS</b>	<b>Türü</b>	<b>Z/S</b>	<b>YY</b>
FDE 418	Food Biotechnology	3	3	0	0	5	TM	S	5/7/8
FDE 419	Physical Properties of Foods	3	3	0	0	5	TM	S	5/7/8
FDE 422	Nutritional Biochemistry	3	3	0	0	5	TM	S	5/7/8
<b>8.Yarıyıl(BAHAR) MT Seçmeli Ders Grubu</b>		<b>Kredi</b>	<b>Ders</b>	<b>Uyg</b>	<b>Lab</b>	<b>AKTS</b>	<b>Türü</b>	<b>Z/S</b>	<b>YY</b>
FDE 326	Cereal Technology	3	3	0	0	5	MT	S	6/7/8
FDE 328	Meat Technology	3	3	0	0	5	MT	S	6/7/8
FDE439	Chocolate- Coffee Technology	3	3	0	0	5	MT	S	6/7/9
FDE 433	Milk and Dairy Technology	3	3	0	0	5	MT	S	6/7/8