

Mühendislik Fakültesi
Biyomühendislik (İngilizce) - 2015 | Çift Anadal Programı

Genel Toplam | Ortalama Yarıyıl Ders = [33 / 8 = 4,12] + 3 = 7 | T = 84 | U = 32 | Toplam Saat = 116 | Kredi = 176 | ECTS = 176

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BIOE1000	Introduction to Bioengineering	2	0	3	3
2	CHEM1007	Basic Chemistry	4	0	6	6
3	MATH1001	Calculus I	4	0	6	6
4	PHYS1101	Physics I	3	0	4	4
5	PHYS1103	Physics Lab I	0	2	2	2
TOPLAM			13	2	21	21

2. YARIYIL							
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS	
1	BIOE1110	Introduction to Biomedical Engineering and Instrumentation	3	0	5	5	
2	MATH1002	Calculus II	4	0	6	6	
TOPLAM			7	0	11	11	

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BIOE2001	Microbiology for Bioengineers	2	2	6	6
2	BIOE2011	Bioengineering Principles	3	0	6	6
3	BIOE2113	Biochemistry for Bioengineers I	3	2	7	7
4	ECON2003	Introduction to Economics	3	0	4	4
5	MATH2055	Differential Equations	3	0	4	4
TOPLAM			14	4	27	27

4. YARIYIL							
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS	
1	BIOE2062	Mathematical Applications in Bioengineering Systems	2	2	6	6	
2	BIOE2102	Molecular Biology and Genetics	3	2	7	7	
3	BIOE2114	Biochemistry for Bioengineers II	3	2	7	7	
4	STAT2052	Biostatistics	3	0	4	4	
TOPLAM			11	6	24	24	

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BIOE3011	Bioengineering Lab I	0	4	5	5
2	BIOE3015	Biotransport Phenomena I	3	0	5	5
3	BIOE3041	Bioreaction Engineering	3	0	6	6
4	BIOE3081	Bioengineering Thermodynamics	3	0	6	6
5	TExxx	Technical Elective - 1	3	0	5	5
TOPLAM			12	4	27	27

6. YARIYIL							
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS	
1	BIOE3012	Bioengineering Lab II	0	4	5	5	
2	BIOE3016	Biotransport Phenomena II	3	0	5	5	
3	BIOE3036	Integrated Downstream Processing	3	0	5	5	
4	BIOE3056	Bioprocess Dynamics and Control	3	0	5	5	
5	TExxx	Technical Elective - 2	3	0	5	5	
6	TExxx	Technical Elective - 3	3	0	5	5	
TOPLAM			15	4	30	30	

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BIOE4191	Bioprocess Design I	3	2	7	7
2	BIOE4197	Bioengineering Project I	0	4	6	6
3	TExxx	Technical Elective - 4	3	0	5	5
4	TExxx	Technical Elective - 5	3	0	5	5
TOPLAM			9	6	23	23

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BIOE4192	Bioprocess Design II	3	2	7	7
2	BIOE4198	Bioengineering Project II	0	4	6	6
TOPLAM			3	6	13	13