

Çevre Mühendisliği (İngilizce) -2023 müfredatı

Genel Toplam | Ortalama Yarıyl Ders = (G1 + B + 7,63) + 3 = 11 | T = 125 | U = 46 | Toplam Saat = 180 | Kredi = 260 | ECTS = 260

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHEM1101	General Chemistry I	3	0	4	4
2	CHEM1111	General Chemistry I lab	0	2	2	2
3	ENVE1100	Introduction to Environmental Engineering	2	0	4	4
4	MATH1001	Calculus I	4	0	6	6
5	MET1161	Engineering Drawing	1	2	5	5
6	PHYS1101	Physics I	3	0	4	4
7	PHYS1103	Physics Lab I	0	2	2	2
8	TRD121	Türk Dili I	2	0	2	2
9	İSG121	İş Sağlığı ve Güvenliği I	2	0	2	2
TOPLAM			17	6	31	31

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	COMM2061	Academic Writing	2	0	3	3
2	ENVE2101	Environmental Engineering Chemistry I	3	0	4	4
3	ENVE2111	Environmental Engineering Chemistry I lab	0	2	3	3
4	ENVE2103	Environmental Engineering Ecology and Sustainability	3	0	4	4
5	ENVE2005	Environmental Engineering Hydrology	3	0	4	4
6	MATH2055	Differential Equations	3	0	4	4
7	ENVE2061	Basic Fluid Mechanics	2	2	5	5
8	ECON2004	Engineering Economy	2	0	4	4
TOPLAM			18	4	31	31

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ENVE3000	Summer Practice I	0	0	10	10
2	ENVE3001	Environmental Engineering Unit Operations	3	2	6	6
3	ENVE3103	Environmental Engineering Microbiology	2	0	3	3
4	ENVE3113	Environmental Engineering Microbiology Lab	0	2	3	3
5	ENVE3011	Water Supply Engineering	3	2	6	6
6	ENVE3041	Air Pollution Engineering	2	2	5	5
7	TExxx	Technical Elective - 1	3	0	5	5
8	NTExxx	Non-Technical Elective - 2	2	0	3	3
TOPLAM			15	6	41	41

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ENVE4000	Summer Practice II	0	0	10	10
2	ENVE4201	Physical Chemical Processes	3	0	5	5
3	ENVE4211	Water Engineering Design	3	2	9	9
4	ENVE4230	Hazardous and Special Waste Management	3	0	5	5
5	ENVE4297	Engineering Project I	0	2	3	3
6	ATA121	Atatürk İktisat ve İnkılap Tarihi I	2	0	2	2
7	TExxx	Technical Elective - 3	3	0	5	5
TOPLAM			14	4	39	39

TEL.5: 5-6-7-8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	DP_TE1	Exchange Program Technical Elective-1	3	0	5	5
2	DP_TE2	Exchange Program Technical Elective-2	3	0	5	5
3	DP_TE3	Exchange Program Technical Elective-3	3	0	5	5
4	DP_TE4	Exchange Program Technical Elective-4	3	0	5	5
5	DP_TE5	Exchange Program Technical Elective-5	3	0	5	5
6	DP_TE6	Exchange Program Technical Elective-6	3	0	5	5
7	DP_TE7	Exchange Program Technical Elective-7	3	0	5	5
8	ENVE2104	Controlling the Formation of DBPs in Drinking Water	3	0	5	5
9	ENVE3004	Environmental Engineering Instrumental Analysis	3	0	5	5
10	ENVE3005	Environmental Impact Assessment	3	0	5	5
11	ENVE3006	Environmental Systems Engineering	3	0	5	5
12	ENVE3007	Environmental Management	3	0	5	5
13	ENVE3009	Law for Environmental Engineering	3	0	5	5
14	ENVE3010	Public Health	3	0	5	5
15	ENVE3027	Soil and Groundwater Pollution	3	0	5	5
16	ENVE3035	Microbiology for Wastewater Engineering	3	0	5	5
17	ENVE3046	Air Pollution Meteorology	3	0	5	5
18	ENVE3094	Special Topics in Environmental Engineering I	3	0	5	5
19	ENVE4024	Anaerobic Treatment	3	0	5	5
20	ENVE4025	Sludge Treatment and Disposal	3	0	5	5
21	ENVE4026	Water Reuse and Wastewater Management	3	0	5	5
22	ENVE4028	Operation of Treatment Plants	3	0	5	5
23	ENVE4032	Emerging Contaminants in the Environment	3	0	5	5
24	ENVE4034	Introduction to Water Resources Planning	3	0	5	5
25	ENVE4036	Membrane Technologies	3	0	5	5
26	ENVE4042	Advanced Topics in Air Pollution	3	0	5	5
27	ENVE4043	Particulate Control in Air Pollution	3	0	5	5
28	ENVE4044	Air Pollution Modeling	3	0	5	5
29	ENVE4047	Air Pollution Measurement Methodologies	3	0	5	5
30	ENVE4048	Waste Gas Control	3	0	5	5
31	ENVE4052	Design of Environmental Engineering Structures	3	0	5	5
32	ENVE4061	Modeling and Computer Applications in Environmental Engineering	3	0	5	5
33	ENVE4062	Energy and the Environment	3	0	5	5
34	ENVE4063	Construction Materials for Environmental Engineering	3	0	5	5
35	ENVE4094	GIS in Water Resources	3	0	5	5
36	ENVE4095	Special Topics in Environmental Engineering II	3	0	5	5
37	ENVE4096	Environmental Geology	3	0	5	5
38	ENVE4099	Water Resources Management	3	0	5	5
TOPLAM			114	0	190	190

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	NTExxx	Non-Technical Elective - 1	3	0	3	3
2	CHEM1102	General Chemistry II	3	0	4	4
3	CHEM1112	General Chemistry II lab	0	2	2	2
4	CSE1123	Introduction to Computing	3	2	5	5
5	MATH1002	Calculus II	4	0	6	6
6	PHYS1102	Physics II	3	0	4	4
7	PHYS1104	Physics Lab II	0	2	2	2
8	TRD122	Türk Dili II	2	0	2	2
9	İSG122	İş Sağlığı ve Güvenliği II	2	0	2	2
TOPLAM			19	6	30	30

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ENVE2102	Environmental Engineering Chemistry II	3	0	4	4
2	ENVE2112	Environmental Engineering Chemistry II lab	0	2	3	3
3	ENVE2004	Engineering Hydraulics	3	2	6	6
4	ENVE2114	Fluid Mechanics and Hydraulics Lab	0	2	3	3
5	ENVE2108	Environmental Engineering Process Chemistry	2	2	5	5
6	MATH2059	Numerical Methods	3	0	4	4
7	STAT2054	Statistics for Engineers	3	0	4	4
TOPLAM			14	8	29	29

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ENVE3002	Environmental Engineering Unit Processes	3	2	6	6
2	ENVE3122	Sewer Systems Engineering	2	2	5	5
3	ENVE3030	Solid Waste Engineering	2	2	5	5
4	ENVE3042	Air Pollution Control Processes	2	2	5	5
5	UExxx	University Elective	2	0	3	3
6	TExxx	Technical Elective - 2	3	0	5	5
7	ENVE3101	Unit Operations and Processes Lab	0	2	2	2
TOPLAM			14	10	31	31

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ENVE4020	Industrial Pollution Control	3	0	5	5
2	ENVE4222	Wastewater Engineering Design	3	2	9	9
3	ENVE4298	Engineering Project II	0	2	4	4
4	ATA122	Atatürk İktisat ve İnkılap Tarihi II	2	0	2	2
5	TExxx	Technical Elective - FTE	3	0	5	5
6	NTExxx	Non-Technical Elective - 3	2	0	3	3
TOPLAM			13	4	28	28