

Fen Bilimleri Enstitüsü
Kimya Mühendisliği (İngilizce) / Kimya Mühendisliği (İngilizce)
Tezli Yüksek Lisans

Genel Toplam Ders Adedi :8 T : 21 U : 2 Kredi : 60 ECTS : 60 T+U : 23

1. YARIYIL					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	CHE-S1..4	Elective - 1..4 (Ders 1) <small>[Bu ders CHE-S1..4 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
2	CHE-S1..4	Elective - 1..4 (Ders 2) <small>[Bu ders CHE-S1..4 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
3	CHE-S1..4	Elective - 1..4 (Ders 3) <small>[Bu ders CHE-S1..4 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
4	CHE-S1..4	Elective - 1..4 (Ders 4) <small>[Bu ders CHE-S1..4 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
Toplam			12	0	32 32

2. YARIYIL					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	CHE7000	Seminar	0	2	4 4
2	CHE-S5,6,7	Elective -5-6-7 (Ders 1) <small>[Bu ders CHE-S5,6,7 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
3	CHE-S5,6,7	Elective -5-6-7 (Ders 2) <small>[Bu ders CHE-S5,6,7 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
4	CHE-S5,6,7	Elective -5-6-7 (Ders 3) <small>[Bu ders CHE-S5,6,7 ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8 8
Toplam			9	2	28 28

CHE-S1..4					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	CHE7010	Safety in Chemical Engineering	3	0	8 8
2	CHE7013	Applied Mathematics in Chemistry Engineering	3	0	8 8
3	CHE7015	Environment Friendly Chemical Engineering	3	0	8 8
4	CHE7020	Fire and Fire Protection in Industry	3	0	8 8
5	CHE7025	Optimization of Chemical Processes	3	0	8 8
6	CHE7043	Polymer Physical Chemistry-I	3	0	8 8
7	CHE7044	Polymer Physical Chemistry-II	3	0	8 8
8	CHE7053	Advanced Chemical Process Control	3	0	8 8
9	CHE7054	Fluidization Technology	3	0	8 8
10	CHE7055	Principles andTechnology of Drying	3	0	8 8
11	CHE7062	Experimental Methods for Chemical Engineers	3	0	8 8
12	CHE7068	Electrochemical Technologies	3	0	8 8
13	CHE7075	Polymer Analysis and Characterization	3	0	8 8
14	CHE7076	Industrial Crystallization	3	0	8 8
15	CHE7080	Advanced Chemical Engineering Thermodynamics	3	0	8 8
16	CHE7082	Mathematical Modeling of Energy Systems	3	0	8 8
17	CHE7085	Hydrogen Energy System	3	0	8 8
18	CHE7087	Renewable Energy Systems	3	0	8 8
19	CHE7089	Advanced Topics in Chemical Engineering I	3	0	8 8
20	CHE7090	Advanced Topics in Chemical Engineering II	3	0	8 8
21	CHE7093	Application of Management Science in Chemical Industry	3	0	8 8

CHE-S5,6,7					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	CHE7010	Safety in Chemical Engineering	3	0	8 8
2	CHE7013	Applied Mathematics in Chemistry Engineering	3	0	8 8
3	CHE7015	Environment Friendly Chemical Engineering	3	0	8 8
4	CHE7020	Fire and Fire Protection in Industry	3	0	8 8
5	CHE7025	Optimization of Chemical Processes	3	0	8 8
6	CHE7043	Polymer Physical Chemistry-I	3	0	8 8
7	CHE7044	Polymer Physical Chemistry-II	3	0	8 8
8	CHE7053	Advanced Chemical Process Control	3	0	8 8
9	CHE7054	Fluidization Technology	3	0	8 8
10	CHE7055	Principles andTechnology of Drying	3	0	8 8
11	CHE7062	Experimental Methods for Chemical Engineers	3	0	8 8
12	CHE7068	Electrochemical Technologies	3	0	8 8
13	CHE7075	Polymer Analysis and Characterization	3	0	8 8
14	CHE7076	Industrial Crystallization	3	0	8 8
15	CHE7080	Advanced Chemical Engineering Thermodynamics	3	0	8 8
16	CHE7082	Mathematical Modeling of Energy Systems	3	0	8 8
17	CHE7085	Hydrogen Energy System	3	0	8 8
18	CHE7087	Renewable Energy Systems	3	0	8 8
19	CHE7089	Advanced Topics in Chemical Engineering I	3	0	8 8
20	CHE7090	Advanced Topics in Chemical Engineering II	3	0	8 8
21	CHE7093	Application of Management Science in Chemical Industry	3	0	8 8