

**Fen Bilimleri Enstitüsü**  
**Kimya Mühendisliği (İngilizce) / Kimya Mühendisliği (İngilizce)**  
**Doktora**

**Genel Toplam    Ders Adedi :8    T : 24    U :    Kredi : 60    ECTS : 60    T+U : 24**

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHE-EC1..4-DR	Elective -1.4 (Ders 1) <small>[Bu ders CHE-EC1..4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
2	CHE-EC1..4-DR	Elective -1.4 (Ders 2) <small>[Bu ders CHE-EC1..4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	CHE-EC1..4-DR	Elective -1.4 (Ders 3) <small>[Bu ders CHE-EC1..4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	CHE-EC1..4-DR	Elective -1.4 (Ders 4) <small>[Bu ders CHE-EC1..4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
<b>Toplam</b>			<b>12</b>	<b>0</b>	<b>32</b>	<b>32</b>

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHE-EC5,6,7-DR	Elective -5-6-7 (Ders 1) <small>[Bu ders CHE-EC5,6,7-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
2	CHE-EC5,6,7-DR	Elective -5-6-7 (Ders 2) <small>[Bu ders CHE-EC5,6,7-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	CHE-EC5,6,7-DR	Elective -5-6-7 (Ders 3) <small>[Bu ders CHE-EC5,6,7-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	FBE-ES	Enstitü Seçimlik (Ders 1) <small>[Bu ders FBE-ES ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	4	4
<b>Toplam</b>			<b>12</b>	<b>0</b>	<b>28</b>	<b>28</b>

CHE-EC1..4-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHE8001	Special Topics in Chemical Engineering I	3	0	8	8
2	CHE8002	Special Topics in Chemical Engineering II	3	0	8	8
3	CHE8005	Advanced Chemical Reaction Engineering	3	0	8	8
4	CHE8008	Computations in Phase Equilibria	3	0	8	8
5	CHE8014	Multivariate Analysis in Engineering	3	0	8	8
6	CHE8015	Life Cycle Analysis in Chemical Industries	3	0	8	8
7	CHE8017	Advanced Course in Heat and Mass Transfer	3	0	8	8
8	CHE8018	Advanced Fluid Flow	3	0	8	8
9	CHE8042	Advanced Separation Processes	3	0	8	8
10	CHE8048	Computer Aided Process Plant Design	3	0	8	8
11	CHE8056	Advanced Process Control	3	0	8	8
12	CHE8073	Polymer Technology	3	0	8	8
13	CHE8075	Structure, Property and Processing Relations in Polymers	3	0	8	8
14	CHE8081	Coal Utilization and Technology	3	0	8	8
15	CHE8083	Mathematical Modeling and Simulation	3	0	8	8
16	CHE8084	Gaseous Fuel Technology	3	0	8	8

CHE-EC5,6,7-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHE8001	Special Topics in Chemical Engineering I	3	0	8	8
2	CHE8002	Special Topics in Chemical Engineering II	3	0	8	8
3	CHE8005	Advanced Chemical Reaction Engineering	3	0	8	8
4	CHE8008	Computations in Phase Equilibria	3	0	8	8
5	CHE8014	Multivariate Analysis in Engineering	3	0	8	8
6	CHE8015	Life Cycle Analysis in Chemical Industries	3	0	8	8
7	CHE8017	Advanced Course in Heat and Mass Transfer	3	0	8	8
8	CHE8018	Advanced Fluid Flow	3	0	8	8
9	CHE8042	Advanced Separation Processes	3	0	8	8
10	CHE8048	Computer Aided Process Plant Design	3	0	8	8
11	CHE8056	Advanced Process Control	3	0	8	8
12	CHE8073	Polymer Technology	3	0	8	8
13	CHE8075	Structure, Property and Processing Relations in Polymers	3	0	8	8
14	CHE8081	Coal Utilization and Technology	3	0	8	8
15	CHE8083	Mathematical Modeling and Simulation	3	0	8	8
16	CHE8084	Gaseous Fuel Technology	3	0	8	8

FBE-ES						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	FBE8001	İleri Araştırma Metodları	3	0	4	4
2	FBE8002	Advanced Research Methods	3	0	4	4
3	FBE8003	Fen ve Mühendislikte Öğretim ve Öğrenme	3	0	4	4
4	FBE8004	Teaching and learning in Science and Engineering	30	0	4	4