

Faculty of Science and Literature
Department of Chemistry

2017/2018 Course List									
1. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS
9905005	AIT103	Atatürk's Principles and History of Turkish Revolution	Compulsory Course	Turkish	2	0	0	2	2
9907003	ENF101	Practices in Basic Information Technologies	Compulsory Course	Turkish	2	0	1	3	2
9901005	TDB105	Turkish Language I	Compulsory Course	Turkish	2	0	0	2	2
9501005	FEF107	Mathematics I	Compulsory Course	Turkish	4	0	1	5	4
0103189	KIM109	General Chemistry I	Compulsory Course	Turkish	4	0	0	4	4
0103192	KIM111	General Chemistry Lab.I	Compulsory Course	Turkish	0	2	0	2	1
0103217	KIM113	Professional English I	Compulsory Course	English	2	0	0	2	2
Compulsory Course AKTS Toplamı									30
1. YARIYIL AKTS TOPLAMI									30
2. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS
9905006	AIT104	Atatürk's Principles and History of Turkish Revolutions II	Compulsory Course	Turkish	2	0	0	2	2
9907004	ENF106	Basic Computer Sciences	Compulsory Course	Turkish	3	0	1	4	3
9901006	TDB102	Turkish Language II	Compulsory Course	Turkish	2	0	0	2	2
9501004	FEF108	Physics II	Compulsory Course	Turkish	3	0	1	4	3
0103190	KIM110	General Chemistry II	Compulsory Course	Turkish	4	0	0	4	4
0103193	KIM112	General Chemistry Lab.II	Compulsory Course	Turkish	0	2	0	2	1
0103218	KIM114	Professional English II	Compulsory Course	English	2	0	0	2	2
Compulsory Course AKTS Toplamı									30
2. YARIYIL AKTS TOPLAMI									30
3. YARIYIL									

Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0103194	KIM201	Analytical Chemistry I	Compulsory Course	Turkish	4	0	0	4	4	7
0103195	KIM203	Analytical Chemistry Lab. I	Compulsory Course	English	0	4	0	4	2	4
0103203	KIM209	Inorganic Chemistry I	Compulsory Course	Turkish	4	0	0	4	4	7
0103198	KIM207	Mathematics For Chemiststry	Compulsory Course	English	3	0	0	3	3	5
0103196	KIM205	Organic Chemistry I	Compulsory Course	Turkish	4	0	0	4	4	7
Compulsory Course AKTS Toplamı										30
3. YARIYIL AKTS TOPLAMI										30
4. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0103199	KIM202	Analytical Chemistry II	Compulsory Course	Turkish	4	0	0	4	4	7
0103200	KIM204	Analytical Chemistry Lab. II	Compulsory Course	English	0	4	0	4	2	4
0103206	KIM210	Inorganic Chemistry II	Compulsory Course	Turkish	4	0	0	4	4	7
0103201	KIM206	Organic Chemistry II	Compulsory Course	Turkish	4	0	0	4	4	7
0103357	KIM208	Organic Chemistry Lab.I	Compulsory Course	Turkish	0	4	0	4	3	5
Compulsory Course AKTS Toplamı										30
4. YARIYIL AKTS TOPLAMI										30
5. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0103211	KIM305	Inorganic Chemistry Lab.	Compulsory Course	Turkish	0	4	0	4	2	4
0103204	KIM301	Physical Chemistry I	Compulsory Course	Turkish	4	0	0	4	4	6
0103205	KIM303	Physical Chemistry Lab.I	Compulsory Course	Turkish	0	3	0	3	1	4
0103358	KIM307	Organic Chemistry Lab.II	Compulsory Course	Turkish	0	4	0	4	3	4
Compulsory Course AKTS Toplamı										18
0103240	KIM312	Inorganic Reaction Mechanisms	Elective Course Group I	English	3	0	0	3	3	6
0103222	KIM313	Instrumental Analysis I	Elective Course Group I	English	3	0	0	3	3	4
0103220	KIM321	Organic Chemistry III	Elective Course Group I	English	3	0	0	3	3	4
0103246	KIM324	Additives in Polymeric Materials	Elective Course Group I	English	3	0	0	3	3	4

En Az 8 AKTS Ders Seçilebilir				Seçmeli Ders Grup I AKTS Toplamı				8		
		University Elective I								4
5. YARIYIL AKTS TOPLAMI										30
6. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0103210	KIM306	Biochemistry I	Compulsory Course	Turkish	3	0	0	3	3	7
0103208	KIM302	Physical Chemistry II	Compulsory Course	Turkish	4	0	0	4	4	7
0103209	KIM304	Physical Chemistry Lab.II	Compulsory Course	Turkish	0	3	0	3	1	4
Compulsory Course AKTS Toplamı										18
0103244	KIM308	Adsorption and Catalysis	Elective Course Group II	English	3	0	0	3	3	4
0103238	KIM310	Structural Analysis Technics in İnorganic Chemistry	Elective Course Group II	English	3	0	0	3	3	6
0103294	KIM316	Electrochemical Methods	Elective Course Group II	English	3	0	0	3	3	4
0103234	KIM314	Instrumental Analysis II	Elective Course Group II	English	3	0	0	3	3	4
0103236	KIM318	Organic Reaction Mechanism	Elective Course Group II	English	3	0	0	3	3	4
0103250	KIM320	Polymer Chemistry	Elective Course Group II	English	3	0	0	3	3	4
0103248	KIM322	Polymeric Composites	Elective Course Group II	English	3	0	0	3	3	4
0103242	KIM326	Theory of Symmetry and Group	Elective Course Group II	English	3	0	0	3	3	4
En Az 8 AKTS Ders Seçilebilir				Seçmeli Ders Grup II AKTS Toplamı				8		
		University Elective II								4
6. YARIYIL AKTS TOPLAMI										30
7. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0103213	KIM403	Biochemistry II	Compulsory Course	Turkish	3	0	0	3	3	5
0103214	KIM405	Biochemistry Lab.	Compulsory Course	Turkish	0	4	0	4	2	2
0103216	KIM401	Organic Industrial Chemistry	Compulsory Course	English	3	0	0	3	3	5
0103382	KIM433	Summer Practice	Compulsory Course	Turkish	0	0	2	2	2	2
Compulsory Course AKTS Toplamı										14
0103254	KIM407	Ametal Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103264	KIM409	Separation Methods	Elective Course Group III	English	3	0	0	3	3	4

0103224	KIM411	Electrochemistry	Elective Course Group III	English	3	0	0	3	3	4
0103266	KIM411	Emulsion Polymerisation	Elective Course Group III	English	3	0	0	3	3	4
0103272	KIM415	Physical Biochemistry	Elective Course Group III	English	3	0	0	3	3	4
0103260	KIM417	Introduction to Heterocyclic Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103258	KIM419	Drug Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103278	KIM433	Advanced Laboratory I	Elective Course Group III	English	0	3	0	3	3	4
0103232	KIM441	Statistics in Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103268	KIM425	Colloid Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103252	KIM421	Organic Spectroscopy	Elective Course Group III	English	3	0	0	3	3	4
0103262	KIM427	Perfume Chemistry	Elective Course Group III	English	3	0	0	3	3	4
0103256	KIM429	Stereochemistry	Elective Course Group III	English	3	0	0	3	3	4
0103276	KIM431	Artificial Enzymes	Elective Course Group III	English	3	0	0	3	3	4
En Az 16 AKTS Ders Seçilebilir			Seçmeli Ders Grup III AKTS Toplamı						16	
7. YARIYIL AKTS TOPLAMI										30
8. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS		
0103212	KIM402	Inorganic Industrial Chemistry	Compulsory Course	English	3	0	0	3	3	6
0103381	KIM446	Final Year Project	Compulsory Course	Turkish	0	0	2	2	4	4
Compulsory Course AKTS Toplamı										10
0103304	KIM406	Food Chemistry	Elective Course Group IV	English	3	0	0	3	3	4
0103306	KIM408	History of Chemistry in Science&Ind Corrosion	Elective Course Group IV	English	3	0	0	3	3	4
0103312	KIM436	Biochemistry III	Elective Course Group IV	English	3	0	0	3	3	4
0103300	KIM410	Biotechnology	Elective Course Group IV	English	3	0	0	3	3	4
0103378	KIM412	Environmental Chemistry	Elective Course Group IV	English	3	0	0	3	4	4
0103302	KIM416	Industrial Biochemistry	Elective Course Group IV	English	3	0	0	3	3	4
0103324	KIM442	Intrumental Analysis Laboratory	Elective Course Group IV	English	0	3	0	3	3	4

0103270	KIM440	Enzymology	Elective Course Group IV	English	3	0	0	3	3	4
0103310	KIM438	Advanced Laboratory II	Elective Course Group IV	English	0	3	0	3	3	4
0103274	KIM420	Chemical Kinetics	Elective Course Group IV	English	3	0	0	3	3	4
0103308	KIM422	Corrosion	Elective Course Group IV	English	3	0	0	3	3	4
0103383	KIM448	Quantum Chemistry	Elective Course Group IV	Turkish	3	0	0	3	3	4
0103282	KIM424	Material Sciences	Elective Course Group IV	English	3	0	0	3	3	4
0103286	KIM426	Organic Dye Materials	Elective Course Group IV	English	3	0	0	3	3	4
0103379	KIM428	Organic Medicinal Chemistry	Elective Course Group IV	English	3	0	0	3	3	4
0103284	KIM430	Organometallic Chemistry	Elective Course Group IV	English	3	0	0	3	3	4
0103298	KIM432	Plastic&Plastic Technology	Elective Course Group IV	English	3	0	0	3	3	4
0103288	KIM434	Introduction to Radical Chemistry	Elective Course Group IV	English	3	0	0	3	3	4
En Az 20 AKTS Ders Seçilebilir			Seçmeli Ders Grup IV AKTS Toplamı						20	
8. YARIYIL AKTS TOPLAMI										30

Üniversite Ortak Dersi

Üniversite Seçmeli Dersi

Fen - Edebiyat Fakültesi Ortak Dersi

Kimya Bölümü Dersi