

Faculty of Science and Literature
Department of Biology

2017/2018 Course List									
1. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS	
9905005	AIT103	Atatürk's Principles and History of Turkish Revolution	Compulsory Course	Turkish	2	0	2	2	2
9903311	YDB101	English I	Compulsory Course	Turkish	4	0	4	4	4
9907003	ENF105	Practices in Basic Information Technologies	Compulsory Course	Turkish	2	0	3	2	3
9901005	TDB101	Turkish Language I	Compulsory Course	Turkish	2	0	2	2	2
9501005	FEF107	Mathematics I	Compulsory Course	Turkish	4	0	5	4	6
9501011	FEF109	Fundamental Chemistry I	Compulsory Course	Turkish	2	0	2	2	4
0117256	BIO101	General Biology I	Compulsory Course	Turkish	3	0	4	0	5
0117255	BIO103	The Techniques of laboratory and microscoby	Compulsory Course	Turkish	1	0	2	0	2
0117243	BIO105	Fundamental Biophysics	Compulsory Course	Turkish	2	0	2	2	2
Compulsory Course AKTS Toplamı									30
1. YARIYIL AKTS TOPLAMI									30
2. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS	
9905006	AIT104	Atatürk's Principles and History of Turkish Revolutions II	Compulsory Course	Turkish	2	0	2	2	2
9903312	YDB102	English II	Compulsory Course	Turkish	4	0	4	4	4
9907004	ENF106	Basic Computer Sciences	Compulsory Course	Turkish	3	0	4	3	4
9901006	TDB102	Turkish Language II	Compulsory Course	Turkish	2	0	2	2	2
9501012	FEF108	Fundamental Chemistry II	Compulsory Course	Turkish	2	0	2	2	4
0117257	BIO102	General Biology II	Compulsory Course	Turkish	3	0	4	0	6
0117141	BIO104	Principles of Systematics	Compulsory Course	Turkish	2	0	2	2	4

0117212	BIO106	Fundamental Biophysics	Compulsory Course	Turkish	2	0	0	2	2	4
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	
0117147	BIO201	Plant Anatomy and Morphology	Compulsory Course	Turkish	2	0	0	2	2	3
0117148	BIO203	Plant Anatomy and Morphology Lab.	Compulsory Course	Turkish	0	2	0	2	1	2
0117150	BIO205	Biodiversity I	Compulsory Course	Turkish	2	2	0	4	4	5
0117153	BIO207	Biodiversity III	Compulsory Course	Turkish	3	2	0	5	3	5
0117151	BIO209	Cell Biology	Compulsory Course	Turkish	2	0	0	2	2	3
0117152	BIO211	Cell Biology Lab.	Compulsory Course	Turkish	0	2	0	2	1	2
Compulsory Course AKTS Toplamı										20
0117236	BIO221	Introduction to Endochronology	Elective Course Group I	Turkish	2	0	0	2	2	3
0117215	BIO225	Chromatographyc Methods	Elective Course Group I	Turkish	2	0	0	2	2	3
0117227	BIO217	Environmental problems of Turkey	Elective Course Group I	Turkish	2	0	0	2	2	3
0117217	BIO222	Virology	Elective Course Group I	Turkish	2	0	0	2	2	3
En Az 6 AKTS Ders Seçilebilir			Seçmeli Ders Grup I AKTS Toplamı						6	
		University Elective I								4
3. YARIYIL AKTS TOPLAMI										30
4. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0117159	BIO202	Biodiversity II Lab.	Compulsory Course	Turkish	2	2	0	4	4	5
0117165	BIO204	Biodiversity IV	Compulsory Course	Turkish	3	2	0	5	5	6
0117163	BIO206	Animal Anatomy	Compulsory Course	Turkish	2	0	0	2	2	3
0117164	BIO208	Animal Anatomy Lab.	Compulsory Course	Turkish	0	2	0	2	1	2
0117161	BIO210	Histology	Compulsory Course	Turkish	2	0	0	2	2	3
0117162	BIO212	Histology Lab.	Compulsory Course	Turkish	0	2	0	2	1	2
Compulsory Course AKTS Toplamı										21

9501029	FEF202	Basic Organic Chemistry II	Elective Course Group II	Turkish	200	2	2	3	
0117233	BIO214	Plant Embryology	Elective Course Group II	Turkish	200	2	2	3	
0117235	BIO216	Animal Embryology	Elective Course Group II	Turkish	200	2	2	3	
0117225	BIO224	Cell Cloning Techniques	Elective Course Group II	Turkish	200	2	2	3	
0117179	BIO220	Occupational English I	Elective Course Group II	Turkish	200	2	2	3	
0117283	BIO226	Seed Plant Systematics	Elective Course Group II	Turkish	200	2	2	3	
En Az 9 AKTS Ders Seçilebilir			Seçmeli Ders Grup II AKTS Toplamı					9	
4. YARIYIL AKTS TOPLAMI								30	
5. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS	
0117177	BIO301	Genetics I	Compulsory Course	Turkish	200		2	2	3
0117173	BIO303	Microbiology I	Compulsory Course	Turkish	200		2	2	3
0117174	BIO305	Microbiology I Lab.	Compulsory Course	Turkish	020		2	1	2
0117187	BIO307	Molecular Biology	Compulsory Course	Turkish	200		2	3	4
0117175	BIO309	Fundamental Biochemistry	Compulsory Course	Turkish	400		4	4	5
0117176	BIO311	Fundamental Biochemistry Lab.	Compulsory Course	Turkish	020		2	1	2
Compulsory Course AKTS Toplamı								19	
0117230	BIO315	Developmental Biology	Elective Course Group III	Turkish	200		2	2	3
0117210	BIO317	Genetics Lab.	Elective Course Group III	Turkish	020		2	1	3
0117180	BIO323	The Effect and Use of Medicinal Plants	Elective Course Group III	Turkish	200		2	2	4
En Az 7 AKTS Ders Seçilebilir			Seçmeli Ders Grup III AKTS Toplamı					7	
		University Elective III						4	
5. YARIYIL AKTS TOPLAMI								30	

6. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS	
0117203	BIO302	General Ecology	Compulsory Course	Turkish	3	0	3	3	4
0117204	BIO304	General Ecology Lab.	Compulsory Course	Turkish	0	2	2	1	2
0117186	BIO306	Genetics II	Compulsory Course	Turkish	2	0	2	2	3
0117184	BIO308	Animal Physiology	Compulsory Course	Turkish	4	0	4	4	5
0117185	BIO310	Animal Physiology Lab.	Compulsory Course	Turkish	0	2	2	1	2
0117182	BIO312	Microbiology II	Compulsory Course	Turkish	2	0	2	2	3
0117183	BIO314	Microbiology II Lab.	Compulsory Course	Turkish	0	2	2	1	2
Compulsory Course AKTS Toplamı									21
0117188	BIO318	Occupational English II	Elective Course Group IV	English	2	0	2	2	3
0117190	BIO320	Health and First Aid	Elective Course Group IV	Turkish	2	0	2	2	3
0117189	BIO322	Propagation of ornamental plants	Elective Course Group IV	Turkish	2	0	2	2	3
En Az 9 AKTS Ders Seçilebilir			Seçmeli Ders Grup IV AKTS Toplamı					9	
6. YARIYIL AKTS TOPLAMI									30
7. YARIYIL									
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	TL	U	Ders Saat	AKTS	
0117192	BIO401	Plant Geography	Compulsory Course	Turkish	2	0	2	2	3
0117197	BIO403	Biostatistics	Compulsory Course	Turkish	2	0	2	2	3
0117191	BIO405	Biotechnology I	Compulsory Course	Turkish	2	0	2	2	3
0117194	BIO407	Hydrobiology	Compulsory Course	Turkish	4	0	4	4	6
0117195	BIO409	Hydrobiology Lab.	Compulsory Course	Turkish	0	2	2	1	2
0117157	BIO411	Reading and Talking in Foreign Language	Compulsory Course	English	2	0	2	2	3
Compulsory Course AKTS Toplamı									20
0117228	BIO415	Plant Growth Methods	Elective Course Group V	Turkish	2	0	2	2	3

0117245	BIO425	Bioethics	Elective Course Group V	Turkish	2	0	0	2	2	3
0117239	BIO419	Sea pollution	Elective Course Group V	Turkish	2	0	0	2	2	3
0117220	BIO421	Usefull Plants	Elective Course Group V	Turkish	2	0	0	2	2	3
0117200	BIO423	Introduction to animal behaviour	Elective Course Group V	Turkish	2	0	0	2	2	3
0117221	BIO433	Conservation Biology	Elective Course Group V	Turkish	2	0	0	2	2	3
0117219	BIO429	Microbial Ecology	Elective Course Group V	Turkish	2	0	0	2	2	3
0117237	BIO427	Recombinant DNA Technology	Elective Course Group V	Turkish	2	0	0	2	2	3
0117240	BIO431	Aquaculture	Elective Course Group V	Turkish	2	0	0	2	2	3
En Az 6 AKTS Ders Seçilebilir			Seçmeli Ders Grup V AKTS Toplamı						6	
		University Elective V								4
7. YARIYIL AKTS TOPLAMI										30
8. YARIYIL										
Katalog No	Ders Kodu	Ders Adı	Zor/Seç	Ders Dili	T	L	U	Ders Saat	AKTS	
0117171	BIO402	Plant Physiology	Compulsory Course	Turkish	3	0	0	3	3	5
0117172	BIO404	Plant Physiology Lab.	Compulsory Course	Turkish	0	2	0	2	1	2
0117201	BIO406	Biotechnology II	Compulsory Course	Turkish	2	0	0	2	2	3
0117205	BIO408	Evolution	Compulsory Course	Turkish	2	0	0	2	2	3
0117206	BIO410	Animal Geography	Compulsory Course	Turkish	2	0	0	2	2	3
0117169	BIO412	Foreing Language for Work	Compulsory Course	English	2	0	0	2	2	3
Compulsory Course AKTS Toplamı										19
0117224	BIO416	Fundamentals of Biochemical Ecology	Elective Course Group VI	Turkish	2	0	0	2	2	3
0117246	BIO418	Biological control	Elective Course Group VI	Turkish	2	0	0	2	2	3

0117222	BIO424	Regulation of Gene Expression	Elective Course Group VI	Turkish	2	0	0	2	2	4
0117209	BIO428	Immunology	Elective Course Group VI	Turkish	2	0	0	2	2	3
0117199	BIO430	Human Anatomy	Elective Course Group VI	Turkish	2	0	0	2	2	3
0117208	BIO432	Introduction to Palynology	Elective Course Group VI	Turkish	2	0	0	2	2	3
0117232	BIO434	Toxicology	Elective Course Group VI	Turkish	2	0	0	2	2	3
En Az 11 AKTS Ders Seçilebilir			Seçmeli Ders Grup VI AKTS Toplamı						11	
8. YARIYIL AKTS TOPLAMI										30

Üniversite Ortak Dersi

Üniversite Seçmeli Dersi

Fen - Edebiyat Fakültesi Ortak Dersi

Biyoloji Bölümü Dersi