

ULUDAG UNIVERSITY													
2018-2019 ACADEMIC YEAR													
SIDE FIELD CURRICULUM													
FACULTY/VOCATIONAL SCHOOL: FACULTY OF ARTS AND SCIENCES													
DEPARTMENT/PROGRAM: BIOLOGY													
FALL							SPRING						
CODE	COURSE	T	A	L	Cred.	ECTS	CODE	COURSE	T	A	L	Cred.	ECTS
Obligatory Courses							Obligator Courses						
BYL1001	GENERAL BIOLOGY I	2	0	0	2	4	BYL1002	GENERAL BIOLOGY II	2	0	0	2	5
BYL1051	GENERAL BIOLOGY I LABORATORY	0	0	2	1	2	BYL1052	GENERAL BIOLOGY II LABORATORY	0	0	2	1	2
Total						3	Total						3
FALL							SPRING						
CODE	COURSE	T	A	L	Cred.	ECTS	CODE	COURSE	T	A	L	Cred.	ECTS
Elective Courses							Elective Courses						
BYL2001	CYTOLOGY	2	0	0	2	4	BYL2010	ECOLOGY	2	0	0	2	4
BYL2051	CYTOLOGY LABORATORY	0	0	2	1	2	BYL2004	MOLECULAR BIOLOGY	2	0	0	2	4
BYL3001	GENETICS I	2	0	0	2	4	BYL2002	HISTOLOGY	2	0	0	2	4
BYL3051	GENETICS I LABORATORY	0	0	2	1	2	BYL2052	HISTOLOGY LABORATORY	0	0	2	1	2
BYL2009	ANIMAL ANATOMY	2	0	0	2	4	BYL2012	TAXONOMY AND MORPHOLOGY OF VERTEBRATES	2	0	0	2	4
BYL2057	ANIMAL ANATOMY LABORATORY	0	0	2	1	2	BYL2062	TAXONOMY AND MORPHOLOGY OF VERTEBRATES LABOR	0	0	2	1	2
BYL3005	BIOCHEMISTRY I	2	0	0	2	4	BYL3004	ANIMAL PHYSIOLOGY	2	0	0	2	3
BYL3055	BIOCHEMISTRY I LABORATORY	0	0	2	1	2	BYL3054	ANIMAL PHYSIOLOGY LABORATORY	0	0	2	1	2
BYL2003	GENERAL MICROBIOLOGY	2	0	0	2	4	BYL3008	LIMNOLOGY	2	0	0	2	3
BYL2053	GENERAL MICROBIOLOGY LABORATORY	0	0	2	1	2	BYL3058	LIMNOLOGY LABORATORY	0	0	2	1	2
BYL2005	PLANT MORPHOLOGY AND ANATOMY	2	0	0	2	4	BYL3002	GENETICS II	2	0	0	2	3
BYL2062	PLANT MORPHOLOGY AND ANATOMY LABORATORY	0	0	2	1	2	BYL3052	GENETICS II LABORATORY	0	0	2	1	2
BYL2007	TAXONOMY AND MORPHOLOGY OF INVERTEBRATES	2	0	0	2	4	BYL3010	TAXONOMY OF FLOWERING PLANTS	2	0	0	2	4
BYL2057	TAXONOMY AND MORPHOLOGY OF INVERTEBRATES LABORATORY	0	0	2	1	2	BYL3060	TAXONOMY OF FLOWERING PLANTS LABORATORY	0	0	2	1	2
BYL3003	PLANT PHYSIOLOGY	2	0	0	2	4	BYL3006	BIOCHEMISTRY II	2	0	0	2	3
BYL3053	PLANT PHYSIOLOGY LABORATORY	0	0	2	1	2	BYL3056	BIOCHEMISTRY II LABORATORY	0	0	2	1	2
BYL3007	TAXONOMY OF CRYPTOGAMAE	2	0	0	2	4	BYL4002	EVOLUTION	2	0	0	2	4
BYL3057	TAXONOMY OF CRYPTOGAMAE LABORATORY	0	0	2	1	2	BYL4004	DEVELOPMENTAL BIOLOGY	2	0	0	2	4
BYL4013	HUMAN BIOLOGY	2	0	0	2	4	BYL4010	PLANT BIOTECHNOLOGY	2	0	0	2	4
BYL4015	ETOLOGY	2	0	0	2	4	BYL4012	PLANT EMBRIOLOGY	2	0	0	2	4
BYL4019	CELL PHYSIOLOGY	2	0	0	2	4	BYL4014	GENETIC ENGINEERING	2	0	0	2	4
BYL4021	ECONOMICAL BOTANY	2	0	0	2	4	BYL4018	PLANT METOBOLITES	2	0	0	2	4
BYL4033	ICHTHYOLOGY	1	0	2	2	4	BYL4020	ENDOCRINOLOGY	2	0	0	2	4
BYL4035	MARINE BIOLOGY	2	0	0	2	4	BYL4022	HUMAN GENETICS	2	0	0	2	4
BYL4037	ORNITHOLOGY	2	0	0	2	4	BYL4024	VEGETATION	1	2	0	2	4
BYL4039	ENVIRONMENTAL BIOLOGY	2	0	0	2	4	BYL4026	CONSERVATION NATURE AND BIOLOGY	2	0	0	2	4
BYL4045	ENVIRONMENTAL MICROBIOLOGY	2	0	0	2	4	BYL4028	PLANT GEOGRAPHY	2	0	0	2	4
BYL4059	PLANT DEVELOPMENT PHYSIOLOGY	1	0	2	2	4	BYL4032	PLANT ECOLOGY	2	0	0	2	4
BYL4061	PREPARATION TECHNIQUES	1	0	2	2	4	BYL4034	ANIMAL ECOLOGY	2	0	0	2	4
BYL4063	CYTOGENETICS	1	0	2	2	4	BYL4038	WILD LIFE, ANIMAL DIVERSITY	2	0	0	2	4
BYL4065	PARASITOLOGY	1	0	2	2	4	BYL4040	HERBARIUM TECHNIQUES	2	0	0	2	4
BYL4071	HERPETOLOGY	2	0	0	2	4	BYL4046	ENTOMOLOGY	2	0	0	2	4
BYL4083	SOIL - PLANT INTERACTIONS	1	0	2	2	4	BYL4050	APPLIED BIOCHEMISTRY	2	0	0	2	4
BYL4085	PALYNOLOGY	2	0	0	2	4	BYL4052	BIOLOGY OF ALGAE	2	0	2	2	4
BYL4087	ENZYME TECHNOLOGY	2	0	0	2	4	BYL4054	BIOCLIMATE	2	0	0	2	4
BYL4089	BACTERIAL PHYSIOLOGY	2	0	0	2	4	BYL4060	PLANT DISEASES	2	0	0	2	4
BYL4097	FORENSIC GENETICS	2	0	0	2	4	BYL4088	INDUSTRIAL MICROBIOLOGY	1	2	0	2	4
BYL4099	RADIOBIOLOGY	2	0	0	2	4	BYL4090	GENERAL CELL BIOLOGY	2	0	0	2	4
BYL4101	COMPUTATIONAL MOLECULAR BIOLOGY	1	2	0	2	4	BYL4100	INTRODUCTION TO BIOINFORMATICS	2	0	0	2	4
BYL4103	FREE RADICALS AND ANTIKCIDANT BIOLOGY	2	0	0	2	4	BYL4102	STRESS PHYSIOLOGY OF PLANTS	2	0	0	2	4
BYL4105	DATA ANALYSIS IN BIOLOGICAL RESEARCHERS	1	2	0	2	4	BYL4104	APPLIED GENETICS	2	0	0	2	4
BYL4109	FOOD MICROBIOLOGY	2	0	0	2	4	BYL4110	MYCOLOGY	2	0	0	2	4
BYL4111	FRESHWATER ECOLOGY	2	0	0	2	4	BYL4112	FRESHWATER BENTHIC MACROINVERTEBRATES AND THEIR ECOLOGY	2	0	0	2	4
BYL4113	NANOTECHNOLOGY IN BIOLOGY	2	0	0	2	4	BYL4114	AEROBIOLOGY	1	0	2	2	4
BYL4115	SYSTEMIC HISTOLOGY	2	0	0	2	4	BYL4116	DENDROLOGY	2	0	0	2	4
BYL4117	PLANKTOLOGY	2	0	0	2	4	BYL4118	LICHEN BIOLOGY	2	0	0	2	4
BYL4119	CANCER CELL BIOCHEMISTRY	2	0	0	2	4	BYL4120	WATER POLLUTION AND ENVIRONMENTAL EFFECTS	2	0	0	2	4
BYL4121	PLANT PROTECTION BIOLOGY	2	0	0	2	4	BYL4122	BIOTECHNOLOGY	2	0	0	2	4
							BYL4126	STANDARD FIRST AID TRAINING	1	2	0	2	4

Note: Students who want to complete this program have to total of at least 18 (37 ECTS) credits course (6 credits (14 ECTS) obligats, 12 credits (23 ECTS) elective credits)