

Faculty of Arts and Sciences

	Course Code	Winter Term	AKTS	Course Code	Summer Term	AKTS	
	Department of Biotechnology	TGM1005	Chemistry	4	BYT1004	Biostatistics	3
BYT1003		Laboratory Techniques	2	BYT1006	Organic Chemistry	3	
BYT2001		Molecular Biology	4	BYT1008	Biophysics	3	
BYT2003		Genetics	6	BYT2002	Molecular Biology Techniques	6	
TGM2001		Biochemistry	5	BYT2004	Developmental Biology	6	
BYT2007		Cell and Tissue Biology	5	BYT2006	Experimental Biochemistry	5	
BYT3001		Microbial Biotechnology	6	BYT2008	Molecular Genetics	4	
BYT3003		Immunobiology	3	BYT2010	Plant Structures and Functions	5	
BYT3005		Animal Biotechnology	6	BYT2012	Microbiology	4	
BYT3007		Biosafety and Bioethics	3	TGM1002	Analytical Chemistry	4	
TGM1001		Botany	5	TGM1008	Biology of Crop Species	5	
TGM2003		Biostatistics	4	TGM1010	Genetics	5	
TGM2011		Introduction to Biotechnology	3	TGM2010	Plant Cell, Tissue and Organ Culture	5	
TGM3031		Cytogenetics	4	TGM3044	Recombinant DNA Technology	4	
TGM4039		Biotechnology and Society	5	TGM3006	Bioinformatics	4	
TGM4045		Introduction to Genomics	5	TGM3004	Entomology	4	
		ELECTIVE COURSES			TGM3036	Biotechnology in Animal Science	4
TGM4021		Writing and Presentation Techniques	4	TGM3040	Molecular Markers	4	
TGM4023		Scientific Research Methods	4		ELECTIVE COURSES		
TGM4025		Project Writing and Evaluation	4	TGM4024	The History of Turkish Democracy	4	
TGM4027		Professional Communication	4	TGM4026	Turkey and EU Relations	4	
TGM4029		Entrepreneurship	4	TGM4028	World Music Cultures	4	
TGM4031		Enterprise Planning	4	TGM4030	International Affairs and Globalization	4	
TGM4035		Biosafety	5	TGM4032	Democracy and Human Rights	4	
TGM1013		Foreign Language English 1	3	TGM4022	Environmental and Society	4	
TGM1013-1		Foreign Language German 1	3	TGM4034	Modern Political Issues	4	
TGM1013-2		Foreign Language Turkish 1	3	TGM4040	Introduction to Sociology	4	
TGM3025		Climate Change	5	TGM4042	Archeology	4	
TGM1011		Safety and Health at Work I	2	TGM4044	Political Sciences	4	
				TGM4048	Science Sociology	4	

				TGM1012	Safety and Health at Work II	2
				TGM1014	Foreign Language English II	3
				TGM1014-1	Foreign Language Turkish II	3
				TGM1014-2	Foreign Language German II	3
Department of Biology	BIO2001	Biology of Invertebrates I	6	BIO2002	Invertebrates Biology II	6
	BIO2003	Cytology	4	BIO2004	Histology	4
	BIO2005	Cryptogamae Plants Biology I	5	BIO2006	Cryptogonomae Plants Biology II	5
	BIO2007	Plant Anatomy and Morphology	6	BIO2008	Plant Physiology	6
	BIO2009	General Microbiology 1	5	BIO2010	General Microbiology II	5
	BIO2011	Ecology	4	BIO3002	Molecular Biology	5
	BIO3003	Vertebrates Biology 1	5	BIO3004	Vertebrates Biology II	5
	BIO3005	Flowering Plants Biology I	5	BIO3006	Flowering Plants Biology II	5
	BIO3007	Anatomy Vertebrata	6	BIO3008	Animal Physiology	6
	BIO3017	Palynology	4	BIO3018	Mycology	4
	BIO3019	Ethnobotany	4	BIO3020	Phytoclimatology	4
	BIO3021	Plantecology	4	BIO3022	Pharmosotic Botany	4
	BIO3023	Plant Embriology	4	BIO3024	Licenology	4
	BIO3025	Bacterial Physiology	4	BIO3026	Archae Biology	4
	BIO3027	Food Microbiology	4	BIO3028	Biology of Aging	4
	BIO3031	Clinical Biochemistry	4	BIO3030	Biosecurity	4
	BIO4009	Toxicology	5	BIO3032	Clinical Microbiology	4
	BIO4007	Hydrobiology	5	BIO4018	Vegetation of Turkey	5
	BIO4033	Clinical Parasitology	5	BIO4020	Physiology of Drought	5
	BIO4029	Virology	5	BIO4022	Plant Geography	5
				BIO4024	Medicinal and Economic Plants	5
				BIO4026	Algology	5
				BIO4034	Immunology	5
				BIO4036	Industrial Microbiology	5
			BIO4038	Pharmacology	5	