

TOPLAM DERS-PROGRAM ÇIKTILARI İLİŞKİSİ

					Program Çıktıları																										
Kodu	Ders Adı	T	P	AKTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
1. Yıl - 1. Yarıyıl																															
FBO1001	“	4	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	4	4
FBO1003	GENERAL PHYSIC	0	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	
FBO1005	GENERAL CHEMISTRY I	4	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	
FBO1007	GENERAL CHEMISTRY	0	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	
FBO1009	GENERAL MATHEMATICS I	4	0	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	4	4	
FBO1011	TURKISH I WRITING	2	0	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	
FBO1013	INTRODUCTION TO	3	0	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	5	5	5	5	5	4	4	4	4	4	
ATA1015	ATATURK PRINCIPLES AND				4	3	4	4	4	3	4	3	3	4	3	3	4	4	3	0	4	4	4	4	3	4	4	4	0	0	
FBO1001	GENERAL PHYSICS I	4	0	5	2	2	3	2	2	3	2	2	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	
1. Yıl - 2. Yarıyıl																															
FBO1002	GENERAL PHYSIC LABORATORY II	2	0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	
FBO1004	GENERAL CHEMISTRY II	2	0	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	
FBO1006	GENERAL CHEMISTRY LABORATORY II	2	0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	
FBO1008	GENERAL MATHEMATICS II	2	0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	4	5	

FBO3007	STATISTIC	2	0	4	5	4	4	4	5	5	5	2	2	5	5	3	2	4	4	5	5	5	5	5	5	5	5	4	5	4	5
FBO3009	SCIENTIFIC RESEARCH METHODS	2	0	3	4	3	3	3	5	3	3	1	1	1	1	1	1	3	2	2	5	5	5	4	5	5	5	5	5	5	
FBO3011	LABORATORY APPLICATIONS IN SCIENCE I	2	2	5	5	5	4	4	4	3	3	2	2	3	3	4	3	5	5	5	5	5	5	5	5	5	5	5	5	5	
FBO3013	HISTORY OF EDUCATION IN TURKEY	2	0	3	5	5	2	5	5	2	5	0	0	3	0	0	0	5	5	5	5	5	5	5	5	5	5	4	0	5	5
3. Yıl - 6. Yarıyıl																															
FBO3002	GENETICS AND BIOTECHNOLOGY	2	0	3	5	4	5	4	5	3	4	4	4	5	5	5	2	4	4	5	5	5	5	3	5	5	4	5	4	4	
FBO3004	THE NATURE OF SCIENCE AND SCIENCE HISTORY	3	0	4	5	5	5	4	4	5	5	4	4	5	5	2	2	4	4	4	4	4	4	5	4	5	4	3	4	4	
FBO3006	ENVIRONMENTAL SCIENCE	3	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO3008	GEOLOGY	2	0	2	5	3	5	3	3	5	5	3	3	3	3	0	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5
FBO3010	SPECIAL TEACHING METHODS I	2	2	5	5	5	4	4	3	4	3	3	3	5	5	5	0	4	4	4	5	5	5	5	5	5	4	3	4	4	3
FBO3012	LABORATORY APPLICATIONS IN SCIENCE TEACHING II	2	2	5	5	3	4	5	5	2	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	0	0
FBO3014	ASSESSMENT AND EVALUATION	3	0	4	4	4	4	5	5	5	4	3	3	3	4	4	0	0	0	5	2	3	2	4	4	4	4	4	2	0	0
4. Yıl - 7. Yarıyıl																															

FBO4001	SPECIAL TOPICS IN BIOLOGY	2	0	4	5	5	5	5	3	3	5	5	5	3	3	3	5	3	3	5	5	5	5	3	5	5	5	5	5	5	5	5				
FBO4003	EVOLUTION	2	0	4	5	5	5	5	5	4	5	5	5	5	5	0	5	1	1	2	2	3	3	3	3	5	5	5	5	5	5					
FBO4005	SPECIAL TEACHING METHOS II	2	2	5	5	5	4	5	5	3	5	4	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5				
FBO4007	SCHOOL EXPERIENCE	1	4	6	3	3	0	3	3	4	4	2	2	2	2	2	0	0	0	0	4	4	5	5	5	3	3	3	1	1						
FBO4009	CONSUELING	3	0	4	3	3	3	5	5	3	5	1	1	1	1	1	1	1	1	3	3	5	5	5	5	5	5	5	5	5	3	4				
FBO4011	SPECIAL EDUCATION	2	0	3																																
4. Yıl - 8. Yarıyıl																																				
FBO4002	ASTRONOMY	2	0	4	5	5	5	5	5	0	0	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	2	5	5	0	5				
FBO4004	TEACHING PRACTICE	2	6	10	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	5	5	4	4	3	5	3				
FBO4006	TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT	2	0	4	4	4	5	5	5	2	2	0	0	0	0	0	0	2	2	2	3	3	3	0	3	5	3	4	3	0						
	ELECTİVE I	2	0	4																																
	ELECTİVE II	2	0	4																																
	ELECTİVE III	2	0	4																																
2. Yıl - 3. Yarıyıl Seçmeli I A																																				
FBO3016	HUMAN RIGHTS AND	2	0	3	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	5	4	4	3	5	3					

	EDUCATION																													
FBO3018	ECONOMY	2	0	3	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	4	4	3	5	3
FBO3020	HISTORY OF THOUGHT	2	0	3	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	4	4	3	5	3
FBO3022	SEXUAL EDUCATION	2	0	3	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	4	4	3	5	3
FBO3024	INTRODACTION TO LAW	2	0	3	5	4	4	5	4	4	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	4	4	3	5	3
4. Yıl - 8. Yarıyl ALAN –I SEÇMELİ DERSLERİ																														
FBO4008	ST EVAL OF SCIENCE EDUC RESEARCH RES	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5
FBO4010	ROLES OF STUDENTS AND TEACHERS IN SCI EDUC	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5
FBO4012	VISUALISATION IN SCIENCE EDUCATION	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5
FBO4014	SPECIAL ASSESMENT AND EVAL TECHNIQUES IN SCI EDUC	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5
FBO4016	ACTIVITY BASED SCIENCE TEACHING	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5
FBO4018	CORROSION	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5

FBO4020	MODELLING IN SCIENCE EDUCATION	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5	
4. Yıl - 8. Yarıyıl ALAN –II SEÇMELİ DERSLERİ																															
FBO4022	SCIENTIFIC PROCESS SKILLS IN SCIENCE TEACHING	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO4024	SCIENTIFIC ARGUMENTATION AND WRITING	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO4026	APPLICATION OF THE 4 MAT INSTRUCT MODEL IN SCI TEA	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO4028	DEV OF EDUC ACT WITH CONST APPR IN SCI TEAC	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO4030	MISCONCEPTIONS AND CONC CH IN SCI EDUC TOPICS	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
4. Yıl - 8. Yarıyıl Seçmeli III A																															
FBO4032	SCIENCE AND ETHICS	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
FBO4034	ART AND EDUCATION	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5

FBO4036	DRAMA IN SCIENCE TEACHING	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	4	4	5	5	
FBO4038	INFORMATION AND COMMUNICATION TECHNOLOGIES	2	0	4	5	5	5	5	5	4	4	3	3	4	5	4	3	3	4	5	5	5	5	5	5	5	5	4	4	5	5
Katkı Düzeyi: 0-Yok, 1-En Düşük, 2-Düşük, 3-Orta, 4-Yüksek, 5-En Yüksek																															