



MASTER (MSc) PROGRAM

FIRST YEAR

	FIRST SEMESTER								
COURSE	COURSE NAME	C/E	COURSE CRE TH AP TO 8 0 8 0 1 1 3 0 3 3 0 3		EDIT*				
CODE	COOKSETATION	C/L	TH	AP	ТО	CR	EC		
MBG-5501	DIRECTED FIELD STUDIES	С	8	0	8	0	9		
MBG-5601	THESIS PREPARATION	С	0	1	1	0	1		
	ELECTIVE COURSE	Е	3	0	3	3	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
TOTA	.L		20	1	21	12	30		

	SECOND SEMESTER								
COURSE	COURSE NAME	C/E	(COUR	SE CR	CREDIT*			
CODE	COOKSENIAME	CIE	TH	AP	то	CR	EC		
MBG-5502	DIRECTED FIELD STUDIES	C	8	0	8	0	9		
MBG-5602	THESIS PREPARATION	C	0	1	1	0	1		
MBG-5701	SEMINAR	С	0	2	2	0	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
	ELECTIVE COURSE	Е	3	0	3	3	5		
TOTA	TOTAL				20	9	30		



AFYON KOCATEPE UNIVERSITY





MASTER (MSc) PROGRAM

SECOND YEAR

	THIRD SEMESTER								
COURSE CODE COURSE NAME	COURSE NAME	C/E	(COUR	RSE CREDIT*				
	CIE	TH	AP	то	CR	EC			
MBG-5503	DIRECTED FIELD STUDIES	С	8	0	8	0	9		
MBG-5603	THESIS	C	0	1	1	0	21		
TOTA	TOTAL			1	9	0	30		

	FOURTH SEMESTER								
COURSE NAME CODE	COURSE NAME	C/E	C/E	COUR	SE CR	CREDIT*			
	CIE	TH	AP	ТО	CR	EC			
MBG-5504	DIRECTED FIELD STUDIES	С	8	0	8	0	9		
MBG-5604	THESIS	C	0	1	1	0	21		
TOTA	TOTAL			1	9	0	30		

THIRD YEAR

	FIFTH SEMESTER								
COURSE CODE	COURSE NAME	C/E	(COUR	RSE CREDIT*				
	COOKSE NAME	CIE	TH AP	ТО	CR	EC			
MBG-5505	DIRECTED FIELD STUDIES	С	8	0	8	0	9		
MBG-5605	THESIS	C	0	1	1	0	21		
TOTA	TOTAL			1	9	0	30		

	SIXTH SEMESTER								
COURSE COURSE NAME	COURSE NAME	C/E	(COUR	RSE CREDIT*				
	COOKSENAME		TH	AP	то	CR	EC		
MBG-5506	DIRECTED FIELD STUDIES	С	8	0	8	0	9		
MBG-5606	THESIS	C	0	1	1	0	21		
TOTA	TOTAL			1	9	0	30		





GRADUATE PROGRAMS

COURSE	COURSE NAME	C/E	(COUR	SE CR	SE CREDIT*			
CODE	COURSE NAME	C/E	TH	AP	то	CR	EC		
FBE-5001	SCIENTIFIC RESEARCH AND METHODS	Е	3	0	3	3	5		
MBG-5001	HERPETOLOGY	Е	3	0	3	3	5		
MBG-5002	WATER POLLUTIONS AND ITS CONTROLS	Е	3	0	3	3	5		
MBG-5003	BIOLOGICAL PHOTOGRAPY AND DRAWING TECHNIQUES	Е	3	0	3	3	5		
MBG-5004	RESEARCH AND WRITING UP TECHNIQUES IN BIOLOGICAL SCIENCES	Е	3	0	3	3	5		
MBG-5005	STATISTICS FOR BIOLOGICAL SCIENCE	Е	3	0	3	3	5		
MBG-5006	ENZYMES AND HORMONES	Е	3	0	3	3	5		
MBG-5007	CELLULAR SIGNALING MECHANISMS	Е	3	0	3	3	5		
MBG-5008	THE CONTROL OF CELL DIVISION	Е	3	0	3	3	5		
MBG-5009	USEFUL PLANTS	Е	3	0	3	3	5		
MBG-5010	HERBARIUM TECHNIQUES	Е	3	0	3	3	5		
MBG-5011	PLANT TAXONOMY APPLICATIONS I	Е	3	0	3	3	5		
MBG-5012	PLANT TAXONOMY APPLICATIONS II	Е	3	0	3	3	5		
MBG-5013	ETHNOBOTANY	Е	3	0	3	3	5		
MBG-5014	MICROBIAL BIOTECHNOLOGY	Е	3	0	3	3	5		
MBG-5015	METABOLISM OF PLANT CELL	Е	3	0	3	3	5		
MBG-5016	PLANT GROWTH REGULATORS	Е	3	0	3	3	5		
MBG-5017	PLANT BREEDING TECHNIQUES AND APPLICATIONS	Е	3	0	3	3	5		
MBG-5018	INDUSTRIAL MICROBIOLOGY	Е	3	0	3	3	5		
MBG-5019	STERİZLİZATİON AND DISINFECTION	Е	3	0	3	3	5		
MBG-5020	DIAGNOSIS AND METHODS USED IN MICROBIOLOGY	Е	3	0	3	3	5		
MBG-5021	PRINCIPLES OF TAXONOMIC ZOOLOGY	Е	3	0	3	3	5		
MBG-5022	LIMNOLOGY	Е	3	0	3	3	5		
MBG-5023	ACAROLOGY	Е	3	0	3	3	5		
MBG-5024	INVERTEBRATE ONTOGENESIS	Е	3	0	3	3	5		
MBG-5025	ICHTHYOLOGY	Е	3	0	3	3	5		
MBG-5026	SPECIAL PARASİTOLOGY	Е	3	0	3	3	5		
MBG-5027	HELMINTHOLOGY	Е	3	0	3	3	5		
MBG-5028	ZOOLOGICAL PREPARATION TECHNIQUES	Е	3	0	3	3	5		





GRADUATE PROGRAMS

COURSE	COMPCE NAME	C/IE	(COUR	SE CR	CREDIT*		
CODE	COURSE NAME	C/E	TH	AP	ТО	CR	EC	
MBG-5029	DNA MUTAGENESIS, AND DNA REPAIR MECHANISM	Е	3	0	3	3	5	
MBG-5030	CELL CULTURE TECHNIQUES	Е	3	0	3	3	5	
MBG-5031	DNA FINGERPRINTING	Е	3	0	3	3	5	
MBG-5032	THE RELATIONSHIP BETWEEN VEGETATION SOIL	Е	3	0	3	3	5	
MBG-5033	SPECIAL TYPES OF VEGETATION	Е	3	0	3	3	5	
MBG-5034	POLLEN MORPHOLOGY	Е	3	0	3	3	5	
MBG-5035	COMPARATIVE ANATOMY OF PLANTS	E	3	0	3	3	5	
MBG-5036	THE PREPARATION TECHNIQUES IN SYSTEMATIC BOTANY	E	3	0	3	3	5	
MBG-5037	PLANT CHEMISTRY	Е	3	0	3	3	5	
MBG-5038	GERMINATION PHYSIOLOGY	Е	3	0	3	3	5	
MBG-5039	GENETIC ENGINEERING APPLICATIONS	Е	3	0	3	3	5	
MBG-5040	ADVANCED PLANT ECOLOGY	Е	3	0	3	3	5	
MBG-5041	ADVANCED BIOLOGY OF FOOD	Е	3	0	3	3	5	
MBG-5042	ADVANCED PALINOLOGY	Е	3	0	3	3	5	
MBG-5043	COMPUTER APPLIED BIOSTATISTICS	Е	3	0	3	3	5	
MBG-5044	MOLECULAR ECOLOGY AND TRACKING TECHNIQUES	Е	3	0	3	3	5	
MBG-5045	ECOPATHOLOGY	Е	3	0	3	3	5	
MBG-5046	PLANT MOLECULAR BIOLOGY	Е	3	0	3	3	5	
MBG-5047	IN ZOOLOGY MOLECULAR APPLICATIONS	Е	3	0	3	3	5	
MBG-5048	EFFECT OF PLANT HORMONES AND MOLECULAR MECHANISMS	Е	3	0	3	3	5	
MBG-5049	SECONDARY METABOLITES	Е	3	0	3	3	5	
MBG-5050	PROTEINS AND ENZYMES	Е	3	0	3	3	5	
MBG-5051	BIOLOGY AND ECOLOGY OF RIVERS	Е	3	0	3	3	5	
MBG-5052	ECOLOGY OF INSECTS	Е	3	0	3	3	5	
MBG-6001	MOLECULAR BASIS OF CANCER	Е	3	0	3	3	5	
MBG-6002	PHARMACOGENOMICS AND GENOTOXICITY	Е	3	0	3	3	5	
MBG-6003	PCR-BASED GENETIC ANALYSIS AND GENETIC ANALAYSIS METHODS	Е	3	0	3	3	5	
MBG-6004	TECHNOLOGY FOR PLANT PROTECTION	Е	3	0	3	3	5	





GRADUATE PROGRAMS

COURSE	COURSE NAME	C/E	(COUR	SE CR	CREDIT*		
CODE	COURSE NAME	C/E	TH	AP	то	CR	EC	
MBG-6005	TAXONOMICALTERMINOLOGY IN BOTANY	Е	3	0	3	3	5	
MBG-6006	ADVANCED ENVIRONMENTAL BIOLOGY	Е	3	0	3	3	5	
MBG-6007	PLANT MOLECULAR SYSTEMATIC	Е	3	0	3	3	5	
MBG-6008	PLANT GENOMICS AND PROTEOMICS	Е	3	0	3	3	5	
MBG-6009	PLANT GROWTH REGULATORS AND MOLECULAR MECHANISMS	Е	3	0	3	3	5	
MBG-6010	PLANT CHEMISTRY AND MOLECULAR BIOLOGY	Е	3	0	3	3	5	
MBG-6011	MOLECULAR BASIS OF STRESS PHYSIOLOGY OF PLANTS	Е	3	0	3	3	5	
MBG-6012	AQUATIC ENTOMOLOGY	Е	3	0	3	3	5	
MBG-6013	COMPUTER APPLIED STATISTIC	Е	3	0	3	3	5	
MBG-6014	MICROBIAL ECOLOGY	Е	3	0	3	3	5	
MBG-6015	SYSTEMATIC ZOOLOGY	Е	3	0	3	3	5	
MBG-6016	BIOCLIMATOLOGY AND METHODS	Е	3	0	3	3	5	
MBG-6017	PLANT DIVERSITY IN AQUATIC AREAS	Е	3	0	3	3	5	
MBG-6018	GROWTH AND DEVELOPMENT PHYSIOLOGY	Е	3	0	3	3	5	
MBG-6019	RECOMBINANT DNA TECHNOLOGY	Е	3	0	3	3	5	
MBG-6020	METHODS ON GENETIC TOXICOLOGY	Е	3	0	3	3	5	
MBG-6021	PLANT SECONDER METHOBOLİTES	Е	3	0	3	3	5	
MBG-6022	PROCARYOTIC GENE EXPRESSION	Е	3	0	3	3	5	
MBG-6023	BIOMATHERİALS	Е	3	0	3	3	5	
MBG-6024	MICROBIAL SYSTEMATICS	Е	3	0	3	3	5	
MBG-6025	BIOCHEMISTRY OF FREE RADICALS	Е	3	0	3	3	5	
MBG-6026	BIOCHEMISTRY OF CARCINOGEN AND MUTAGENS	Е	3	0	3	3	5	
MBG-6027	ADVANCED MOLECULAR BIOLOGY	Е	3	0	3	3	5	
MBG-6028	SPECIAL SUBJECTS IN ECOLOGY	Е	3	0	3	3	5	
MBG-6029	BIOAVAILABILITY OF NATURAL PLANTS	Е	3	0	3	3	5	
MBG-6030	COMPUTER APPLIED BIOINFORMATICS	Е	3	0	3	3	5	
MBG-6031	WILDLIFE DISEASE MOLECULAR DIAGNOSIS	Е	3	0	3	3	5	
MBG-6032	EPIDEMILOGY	Е	3	0	3	3	5	





GRADUATE PROGRAMS

COURSE	COURSE NAME	C/E	(COURSE CREDIT*					
CODE	COURSE NAME	C/E	TH	AP	то	CR	EC		
MBG-6033	PLANT GROWTH	Е	3	0	3	3	5		
MBG-6034	CURRENT TOPICS IN MOLECULAR BIOLOGY	E	3	0	3	3	5		
MBG-6035	MOLECULAR TAXONOMY METHODS IN ZOOLOGY	Е	3	0	3	3	5		
MBG-6036	POLYAMINES AND CANCER	Е	3	0	3	3	5		
MBG-6037	CELL CYCLE AND APOPTOSİS	E	3	0	3	3	5		
MBG-6038	DNA MARKERS AND PLANT BREEDING	Е	3	0	3	3	5		
MBG-6039	PLANT SIGNAL TRANSDUCTION AN GENE REGULATION	Е	3	0	3	3	5		
MBG-6040	MOLECULAR GENETICS OF PLANT DEVELOPMENT	E	3	0	3	3	5		
EGT-6001	DEVELOPMENT AND LEARNING	Е	3	0	3	3	5		
EGT-6002	INSTRUCTIONAL PLANNING AND EVALUATION	Е	3	0	3	3	5		