



BURSA ULUDAĞ UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
2025-2026 ACADEMIC YEAR COURSE PLAN

FR 1.1.1_02

DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS
DEPARTMENT / PROGRAM MOLECULAR GENETICS / Master's Degree Program

COURSE STAGE	I. TERM / FALL								II. TERM / SPRING									
	Code	Course Title	Type	T	U	L	Credit	ECTS	Code	Course Title	Type	T	U	L	Credit	ECTS		
	MBG5191	M.Sc THESIS CONSULTING I	C	0	1	0	0	1	MBG5192	M.Sc THESIS CONSULTING II	C	0	1	0	0	1		
	MBG5181	ADVANCED TOPICS IN M.Sc THESIS I	C	4	0	0	0	5	MBG5182	ADVANCED TOPICS IN M.Sc THESIS II	C	4	0	0	0	5		
									MBG5172	SEMINAR	C	0	2	0	0	4		
	MBG5401	METHODS IN MOLECULAR BIOLOGY	E	3	0	0	3	6	FEN5000	RESEARCH TECHNIQUES and PUBLICATION ETHICS	C	2	0	0	2	2		
	MBG5405	PLANT MOLECULAR BIOLOGY	E	3	0	0	3	6	MBG5404	EPIGENETICS	E	3	0	0	3	6		
	MBG5407	HUMAN MOLECULAR GENETICS	E	3	0	0	3	6	MBG5406	ANIMAL CELL CULTURES	E	3	0	0	3	6		
	MBG5411	PLANT BIOTECHNOLOGY	E	3	0	0	3	6	MBG5422	GENE TRANSFER METHODS AND VECTORS	E	3	0	0	3	6		
	MBG5417	PLANT TISSUE CULTURES	E	3	0	0	3	6	MBG5424	PROTEOMICS	E	3	0	0	3	6		
	MBG5423	METHODS IN GENETIC ANALAYSIS	E	3	0	0	3	6	MBG5428	GENETIC EPIDEMIOLOGY	E	3	0	0	3	6		
	MBG5425	FUNCTIONAL GENOMICS	E	3	0	0	3	6	MBG5430	MOLECULAR BIOLOGY OF CANCER	E	3	0	0	3	6		
	MBG5429	CONTEMPORARY METHODS IN HUMAN GENETICS	E	3	0	0	3	6	MBG5432	PUBLIC HEALTH GENETICS	E	3	0	0	3	6		
	MBG5431	GENETICS OF COMMON DISEASES	E	3	0	0	3	6	MBG5434	ADVANCED PLANT MOLECULAR BIOLOGY	E	3	0	0	3	6		
	MBG5433	CELL CYCLE REGULATION	E	3	0	0	3	6	MBG5436	RECOMBINANT DNA TECHNOLOGY AND GENETIC ENGINEERING	E	3	0	0	3	6		
	MBG5435	MOLECULAR VIROLOGY	E	3	0	0	3	6	MBG5438	IMMUNOLOGY OF INFECTIONS	E	3	0	0	3	6		
	MBG5437	NANOTECHNOLOGY AND BIOSENSORS	E	3	0	0	3	6	MBG5440	ASTROBIOTECHNOLOGY	E	3	0	0	3	6		
	MBG5439	PROFESSIONAL FOREIGN LANGUAGE	E	3	0	0	3	6										
	Total Credits/ECTS							12	30	Total Credits/ECTS							11	30
THESIS	III. TERM / FALL								IV. TERM / SPRING									
	MBG5183	ADVANCED TOPICS IN M.Sc THESIS III	C	4	0	0	0	5	MBG5184	ADVANCED TOPICS IN M.Sc THESIS IV	C	4	0	0	0	5		

MBG5193	M.Sc THESIS CONSULTING III	C	0	1	0	0	25	MBG5194	M.Sc THESIS CONSULTING IV	C	0	1	0	0	25		
Total Credits/ECTS							0	30	Total Credits/ECTS							0	30
TOTAL CREDITS: 23- TOTAL ECTS: 120																	