ULUDAĞ UNIVERSITY INSTITUTE OF NATURAL SCIENCES 2017 – 2018 ACADEMIC YEAR COURSE PLAN

MOLECULAR BIOLOGY AND GENETICS

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		I, TERM / FALL		II. TERM / SPRING												
C	Code	Course Title	Туре	Т	A	L	Credit	ECTS	Code	Course Title	Type	Т	A	L	Credit	ECTS
МВО	G5191	MSc THESIS CONSULTING I	M	0	1	0	0	1	MBG5192	MSc THESIS CONSULTING II	M	0	1	0	0	1
MBO	G5401	METHODS IN MOLECULAR BIOLOGY	М	3	0	0	3	6	MBG5172	SEMINAR	M	0	2	0	0	6
									MBG5000	RESEARCH TECHNIQUES and PUBLICATION ETHICS in MOLECULAR BIOLOGY AND GENETICS	С	2	0	0	2	2
MBC	G5181	ADVANCED TOPICS IN MSC THESIS I	Е	4	0	0	0	5	MBG5182	ADVANCED TOPICS IN MSC THESIS II	Е	4	0	0	0	5
MBC	G5403	MOLECULAR BIOLOGY OF THE CELL	Е	3	0	0	3	6	MBG5400	MOLECULAR BIOLOGY OF THE GENE	Е	3	0	0	3	6
МВО	G5405	PLANT MOLECULAR BIOLOGY	Е	3	0	0	3	6	MBG5402	YEAST GENETICS AND MOLECULAR BIOLOGY	Е	3	0	0	3	6
MBC	G5407	HUMAN MOLECULAR GENETICS	Е	3	0	0	3	6	MBG5404	EPIGENETICS	Е	3	0	0	3	6
MBC	G5409	MICROBIAL PHYSIOLOGY	Е	3	0	0	3	6	MBG5406	ANIMAL CELL CULTURES	Е	3	0	0	3	6
МВО	G5411	PLANT BIOTECHNOLOGY	Е	3	0	0	3	6	MBG5408	MOLECULAR GENETICS OF PLANT DEVELOPMENT	Е	3	0	0	3	6
МВО	G5413	BACTERIAL GENETICS	Е	3	0	0	3	6	MBG5410	NUCLEIC ACIDS BIOCHEMISTRY AND METABOLISM	Е	3	0	0	3	6
MBC	G5415	PROTEIN AND ENZYME BIOCHEMISTRY	Е	3	0	0	3	6	MBG5412	MOLECULAR ENDOCRINOLOGY	Е	3	0	0	3	6
МВО	G5417	PLANT TISSUE CULTURES	Е	3	0	0	3	6	MBG5414	APPLICATIONS OF PLANT MOLECULAR BIOLOGY	Е	3	0	0	3	6
MBO	G5419	PLANT BIOCHEMISTRY	Е	3	0	0	3	6	MBG5416	PLANT MOLECULAR GENETICS	Е	3	0	0	3	6
MBC	G5421	PLANT PHYLOGENETICS	Е	3	0	0	3	6	MBG5418	GENETIC MAPPING IN PLANTS	Е	3	0	0	3	6
MBC	G5423	METHODS IN GENETIC ANALAYSIS	Е	3	0	0	3	6	MBG5420	PLANT GENETIC ENGINEERING	Е	3	0	0	3	6
MBC	G5425	FUNCTIONAL GENOMICS	Е	3	0	0	3	6	MBG5422	GENE TRANSFER METHODS AND VECTORS	Е	3	0	0	3	6
MBC	G5427	MICROBIAL BIOTECHNOLOGY	Е	3	0	0	3	6	MBG5424	PROTEOMICS	Е	3	0	0	3	6
MBO	G5429	CONTEMPORARY METHODS IN HUMAN GENETICS	Е	3	0	0	3	6	MBG5426	GENETICS OF MENDELIAN AND NON- MENDELIAN DISEASES	Е	3	0	0	3	6
MB	G5431	GENETICS OF COMMON DISEASES	E	3	0	0	3	6	MBG5428	GENETIC EPIDEMIOLOGY	Е	3			3	6
MB	G5433	CELL CYCLE REGULATION	E	3	0	0	3	6	MBG5430	MOLECULAR BIOLOGY OF CANCER	E	3	0	0	3	6
									MBG5432	PUBLIC HEALTH GENETICS	Е	3			3	6
			To	otal	Cre	dits	12	30			To	otal (Cred	lits	11	30
III. TERM / FALL									IV. TERM / SPRING							
MBC	G5183	ADVANCED TOPICS IN MSC THESIS III	M		÷	0	0	5	MBG5184	ADVANCED TOPICS IN MSC THESIS IV	M	·· † ······	÷	0	0	5
MBC	G5193	MSc THESIS RESEARCH III	M	0	-	0	0	25	MBG5194	MSc THESIS RESEARCH IV	M	0			0	25
			To	otal	Cre	dits	0	30			To	otal (<u>Cred</u>	lits	0	30

Not: The student is expected to take a total of ...12....credited4... selective courses every academic term.

The student have the option of choosing one selective course from another department with the endorsement of the supervisor.

M: mandatory course, E: electivecourse