

ISTINYE UNIVERSITY  
INSTITUTE OF HEALTH SCIENCES  
DEPARTMENT OF MEDICAL BIOLOGY AND GENETICS (THESIS)  
COURSE PLAN (CURRICULUM)

1 st SEMESTER						2 nd SEMESTER					
C. Code	Course	T	P	ECTS	Language of Instruction	C. Code	Course	T	P	ECTS	Language of Instruction
TGY5001	Genome and its Molecular Structure	2	0	3	TR	TGY5002	Tissue and cell culture	2	2	3	TR
TGY5003	Mendelian and non mendelian inheritance types	2	0	2	TR	TGY5004	Molecular basis of diseases	2	0	2	TR
TGY5005	Molecular technics and application areas	2	2	3	TR	TGY5006	Epigenetics	2	2	3	TR
TGY5007	Mutation and mutation screening methods	2	2	5	TR	TGY5008	Ethics of scientific writing and publication	2	2	5	TR
TGY5009	Seminar	0	0	5	TR	TGY5012	Master of Science Thesis Advisory-2	0	2	2	TR
TGY5011	Master of Science Thesis Advisory-1	0	2	2	TR	TGY5014	Master of Science Specialized Field Course-2	4	0	5	TR
TGY5013	Master of Science Specialized Field Course-1	4	0	5	TR	TGY5021	Molecular Immunology	2	0	5	TR
TGY5019	Microorganism genetics	2	0	5	TR	TGY5024	Non coding regions in genome	3	0	5	TR
TGY5022	Karyotype writing rules	2	2	5	TR						
<b>TOTAL</b>		<b>16</b>	<b>8</b>	<b>35</b>		<b>TOTAL</b>		<b>17</b>	<b>8</b>	<b>30</b>	
3 rd SEMESTER						4 th SEMESTER					
C. Code	Course	T	P	ECTS	Language of Instruction	C. Code	Course	T	P	ECTS	Language of Instruction
TGY6001	Master of Science Thesis Advisory-3	0	2	5	TR	TGY6002	Master of Science Thesis Advisory-4	0	2	5	TR
TGY6003	Master of Science Specialized Field Course-3	4	0	5	TR	TGY6004	Master of Science Specialized Field Course-4	4	0	5	TR
	Thesis project			20	TR		Thesis project			20	TR
<b>TOTAL</b>		<b>4</b>	<b>2</b>	<b>30</b>		<b>TOTAL</b>		<b>4</b>	<b>2</b>	<b>30</b>	
ELECTIVES						ELECTIVES					
C. Code	Course	T	U	ECTS	Language of Instruction	C. Code	Course	T	U	ECTS	Language of Instruction