



DEPARTMENT OF GENETICS (MEDICAL) DOCTORATE PROGRAMME

I. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TTGD 101	Expertise Branch Course	C	8	0	8	0	9
TTGD 102	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	Total						30

II. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TTGD 103	Expertise Branch Course	C	8	0	8	0	9
TTGD 104	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	Total						30

III. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TTGD 105	Expertise Branch Course	C	8	0	8	0	9
TTGD 106	Thesis Preparation Study	C	0	1	1	0	1
TTGD 107	Seminar	C	0	2	2	0	4
Elective Courses (Total 16 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Total						30

ELECTIVE COURSES POOL							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Elective Courses					National	ECTS
TTGD 126	Investigation Methods	E	3	0	3	3	4
TTGD 127	Development and Learning	E	3	0	3	3	4
TTGD 128	Instructional Planning and Evaluation	E	3	0	3	3	4
TTGD 129	Molecular Basis of Hereditary Disorders	E	4	0	4	4	4
TTGD 130	Practicals in Medical Genetics I	E	2	2	4	3	4
TTGD 131	Molecular Cytogenetics and Applications	E	2	2	4	3	4
TTGD 132	Molecular Cell Biology	E	4	0	4	4	4
TTGD 133	Cytogenetics Laboratory Techniques and Applications	E	2	2	4	3	4
TTGD 134	Molecular Genetics of Cancer	E	4	0	4	4	4
TTGD 135	Principles of Tissue Culture and Prenatal Diagnosis	E	2	2	4	3	4
TTGD 136	Practicals in Medical Genetics II	E	2	2	4	3	4
TTGD 137	Recombinant DNA Technology	E	4	0	4	4	4
TTGD 138	Genomics ve Proteomics	E	4	0	4	4	4
TTGD 139	Selected Topics in Medical Genetics	E	4	0	4	4	4
TTGD 140	Advanced Technologies in Medical Genetics and Its Application Areas	E	4	0	4	4	4
TTGD 141	Ethics in Medical Research	E	4	0	4	4	4
TTGD 142	Genetic Diagnosis at Forensic Medicine	E	4	0	4	4	4
TTGD 143	Stem Cell and Applications	E	4	0	4	4	4
TTGD 144	Principles of Molecular Genetics I	E	4	0	4	4	4
TTGD 145	Principles of Molecular Genetics II	E	4	0	4	4	4