

# MSc in Medical Genetics, 90 ECTS, English

Full-Time Mode of Study: Minimum duration 13 months

Part-Time Mode of Study: up to 2 years

**TABLE 2: COURSE DISTRIBUTION PER SEMESTER**

A/A	Τύπος Μαθήματος	Όνομα Μαθήματος	Κωδικός Μαθήματος	Περίοδοι ανά εβδομάδα	Διάρκεια περιόδου	Αριθμός εβδομάδων/ ακαδημαϊκό εξάμηνο	Σύνολο περιόδων/ ακαδημαϊκό εξάμηνο	Αριθμός Πιστωτικών Μονάδων (ECTS)
<b>A' Semester (Autumn)</b>								
<b>Full-Time Students are required to register to 2 Mandatory Courses &amp; and 1 Elective Course = 30 ECTS</b>								
1.	Mandatory 1	Cytogenetics and Genomics (Lecture) Cytogenetics and Genomics (Tutorial)	MG102	2 1	90 60	13 13	26 13	10
2.	Mandatory 2	Methodologies and Technologies Applied in Medical Genetics (Lecture) Methodologies and Technologies Applied in Medical Genetics (Tutorial)	MG103	2 1	90 60	13 13	26 13	10
3.	Elective 1	Molecular Basis of Monogenic Diseases (Lecture) Molecular Basis of Monogenic Diseases (Tutorial)	MM101	2 1	90 60	13 13	26 13	10
4.	Elective 2	Molecular Basis of Complex Diseases (Lecture) Molecular Basis of Complex Diseases (Tutorial)	MM102	2 1	90 60	13 13	26 13	10
5.	Elective 3	Cellular and Molecular Neuroscience (Lecture) Cellular and Molecular Neuroscience (Tutorial)	NEURO101	2 1	90 60	13 13	26 13	10
6.	Elective 4	Brain and Behaviour (Lecture)	NEURO102	2	90	13	26	10

		Brain and Behaviour (Tutorial)		1	60	13	13	
7.	Elective 5	Molecular Virology and Immunology (Lecture)	BT101	2	90	13	26	10
		Molecular Virology and Immunology (Tutorial)		1	60	13	13	
8.	Elective 6	Bioinformatics (Lecture)	BMI	2	90	13	26	10
		Bioinformatics (Tutorial)		1	60	13	13	
B' Semester (Spring)								
Full-Time Students are required to register to 2 Mandatory Courses & and 1 research/library module = 30 ECTS								
1.	Mandatory 1	Molecular Genetics (Lecture)	MG101	2	90	13	26	10
		Molecular Genetics (Tutorial)		1	60	13	13	
2.	Mandatory 2	Biochemical Basis of Genetic Diseases (Lecture)	MG104	2	90	13	26	10
		Biochemical Basis of Genetic Diseases (Tutorial)		1	60	13	13	
3.	Research Project	MSc Research Project Part I	MRP101	N/A	N/A	N/A	N/A	10
4.	Library Project	MSc Library Project Part I	MLP101	N/A	N/A	N/A	N/A	10
RESEARCH/LIBRARY MODULES (Period: June-July)								
Full-Time Students are required to register to 1 research/library module = 15 ECTS								
1.	Research Project	MSc Research Project Part II	MRP102	N/A	N/A	N/A	N/A	15
2.	Library Project	MSc Library Project Part II	MLP102	N/A	N/A	N/A	N/A	15
RESEARCH/LIBRARY MODULES (Period: September)								
Full-Time Students are required to register to 1 research/library module = 15 ECTS								
1.	Research Project	MSc Research Project Part II	MRP102	N/A	N/A	N/A	N/A	15
2.	Library Project	MSc Library Project Part II	MLP102	N/A	N/A	N/A	N/A	15

**Note:** Part-time students must register for a minimum of 10 ECTS credits per semester from mandatory courses, elective courses, and research/library modules. In total, they are required to complete 90 ECTS, consisting of 50 ECTS from taught courses (4 mandatory and 1 elective) and 40 ECTS from research/library modules.