

MSc in Biotechnology [90 ECTS, 13 months Full-Time, up to 24 months Part-Time)

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester (Autumn Semester)								
[2 Mandatory courses/1 Elective Course]								
1.	Mandatory 1	Molecular Virology and Immunology (Lecture) Molecular Virology and Immunology (Tutorial)	BT101/MVI	2 1	90 60	13 13	26 13	10
2.	Mandatory 2	Microbial Biochemistry (Lecture) Microbial Biochemistry (Tutorial)	BT102	2 1	90 60	13 13	26 13	10
3.	Elective 1	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
4.	Elective 2	Cellular and Molecular Neuroscience (Lecture) Cellular and Molecular Neuroscience (Tutorial)	NEURO101	2 1	90 60	13 13	26 13	10
5.	Elective 3	Molecular Basis of Monogenic Diseases (Lecture) Molecular Basis of Monogenic Diseases (Tutorial)	MM101	2 1	90 60	13 13	26 13	10
6.	Elective 4	Bioinformatics (Lecture) Bioinformatics (Tutorial)	BMI101	2 1	90 60	13 13	26 13	10

B' Semester (Spring Semester)								
[1 Mandatory courses/1 Elective Course/1 Research or Library Module]								
1.	Mandatory 1	Fundamentals of Biotechnology (Lecture) Fundamentals of Biotechnology (Tutorial)	BT103	2 1	90 60	13 13	26 13	10
2.	Elective 1	Gene and Cell Therapy (Lecture) Gene and Cell Therapy (Tutorial)	MM104	2 1	90 60	13 13	26 13	10
3.	Elective 2	Molecular Genetics (Lecture) Molecular Genetics (Tutorial)	MG101	2 1	90 60	13 13	26 13	10
4.	Elective 3	Biochemical Basis of Genetic Diseases (Lecture) Biochemical Basis of Genetic Diseases (Tutorial)	MG104	2 1	90 60	13 13	26 13	10
5.	Research Module	MSc Research Project Part I	MRP101	N/A	N/A	N/A	N/A	10
6.	Library Module	MSc Library Project Part I	MLP101	N/A	N/A	N/A	N/A	10
Months June-July								
[1 Research or Library Module]								
1.	Research Module	MSc Research Project Part II	MRP102A	N/A	N/A	N/A	N/A	15
2.	Library Module	MSc Library Project Part II	MLP102A	N/A	N/A	N/A	N/A	15
Months August-September								
[1 Research or Library Module]								
1.	Research Module	MSc Research Project Part II	MRP102B	N/A	N/A	N/A	N/A	15
2.	Library Module	MSc Library Project Part II	MLP102B	N/A	N/A	N/A	N/A	15