

Correlation of Medical Biology Master's Courses and Program Outcomes

Code	Course Name	T	P	ECTS	Program Outcomes											
					1	2	3	4	5	6	7	8	9	10	11	12
	1st Semester															
	Scientific Research Techniques and Publication Ethics	3	0	8	1	1	2	3	2	1	1	1	2	1	1	3
	Molecular Cell Biology I	3	0	8	1	1	2	2	3	4	2	2	2	3	1	2
	Basic Laboratory Methods in Medical Biology I	3	0	8	3	2	5	4	1	1	1	5	1	1	1	1
	I. Semester Elective Courses	3	0	8	2	5	4	4	2	2	3	4	5	3	3	4
	Basic Cell Culture Applications	3	0	8	3	2	5	4	1	1	1	5	1	1	1	1
	Molecular Foundations of Cancer Biology	3	0	8	4	2	5	1	1	1	1	5	1	1	2	2
	Genetic Diseases	3	0	8	5	5	5	4	1	1	5	4	1	1	3	5
	Basic Principles of Signal Transduction in the Cell	3	0	8	1	1	2	2	1	1	1	1	3	1	3	3
	Applications of Bioinformatics in Life Sciences	3	0	8	5	5	5	5	5	1	5	0	0	0	1	5
	Basic Concepts in Molecular Medicine	3	0	8	3	2	5	4	1	1	1	5	1	0	1	1
	Oxidative Stress and Antioxidants	3	0	8	3	2	5	4	1	1	1	5	1	0	1	1
	Experimental Animals and Working Methods	3	2	8	3	3	4	1	1	4	1	2	2	2	1	5
	2nd Semester															
	Seminar	0	2	6	2	2	1	5	2	2	5	1	1	4	5	1
	Molecular Cell Biology II	3	0	8	1	1	2	2	3	3	2	3	2	2	1	2
	Basic Laboratory Methods in Medical Biology II	3	0	8	3	2	6	4	1	1	1	5	1	1	1	1
	Thesis Study (Thesis Proposal)	0	1	2	2	5	5	5	1	3	4	1	1	3	1	3
	Special Topics	5	0	2	5	5	5	5	5	5	5	5	5	5	5	5
	II. Semester Elective Courses	5	0	2	3	4	3	2	1	1	5	5	3	2	1	1
	Cell Cycle and Apoptosis	3	0	8	1	3	2	4	5	1	2	1	1	1	2	2
	Types of Cancer in Molecular Biology	3	0	8	4	4	5	3	4	3	2	3	3	2	2	4
	Recombinant DNA Technology	3	0	8	3	2	4	4	1	4	1	2	2	2	1	3
	Protein Research Methods	3	0	8	3	1	1	1	1	0	2	2	1	0	1	5
	Introduction to Immunological Systems	3	0	8	1	4	1	1	1	1	1	3	4	1	1	2
	Cellular Toxicology	3	0	8	5	3	4	1	1	1	1	3	3	4	1	5
	Traditional and Next-Generation Sequencing Strategies	3	0	8	4	3	5	5	0	1	0	5	1	1	2	2
	Applied Statistical Data Analysis Methods	3	0	8	1	1	2	3	2	1	1	1	2	1	1	3

Contribution Level: 0 -None, 1-Lowest, 2-Low, 3 -Medium, 4-High, 5-High