

Doctor of Philosophy in Molecular Medicine and Translational Research

Study Plan

The Ph.D. Program consists of seven courses (21 credit hours), and a Ph.D. Dissertation. Students are required to complete three Compulsory courses and one Elective in the first semester (12 credit hours) and two Compulsory and one Elective courses in the second semester (9 credit hours), a total of 21 credits. Students are required to pass the Qualification Exam (0 credit hour) and submit a research Proposal (3 credit hours) before they register for the Dissertation (18 credit hours). The requirements for completion of the Ph.D. degree are an accepted Dissertation and a minimum of two published papers (could be one research article and one peer-reviewed review article, or two research articles published in at least B journals according to SJR ranking).

Ph.D. Program in Molecular Medicine and Translational Research						
Year	Semester	Course Title	Type	Course No.	Credit hrs	Total
1	1	Immunotherapy of Cancer	Compulsory	0900801	3	12
		Cytokines and chemokines	Compulsory	0900802	3	
		Advanced Techniques in Molecular Biology I (Lab)	Compulsory	0900803	3	
		Cell-mediated cytotoxicity	Elective	0900805	3	
	2	Advanced Molecular Immunology	Compulsory	0900806	3	9
		Vascular Biology	Elective	0900807	3	
Advanced Techniques in Molecular Biology II (Lab)		Compulsory	0900809	3		
2	1	Qualification Exam	Compulsory	0900810	0	3
	2	Proposal	Compulsory	0900811	3	
3	1	Dissertation	Compulsory	0900812	9	9
	2					
4	1	Dissertation	Compulsory	0900812	9	9
	2					