

Year	Term	Half/ Full	Title	Credit Hour	Total Credit Hrs/Term
First Year	Fall	1 st Half	Core Curriculum - Genes	2	
			Core Curriculum - Proteins	2	
		2 nd Half	Core Curriculum - Cells	2	
			Fundamentals of Immunology	2	
		Full	Professionalism, Responsible Conduct of Research, and Ethics I	1	
			Laboratory Rotations	3	Semester Total: 12
	Spring	1 st Half	Emerging Concepts in Immunology	1.5	
			Immunology of Human Diseases	1.5	
		2 nd Half	Elective*	1.5	
			Professionalism, Responsible Conduct of Research, and Ethics II	1	
			Introduction to Biostatistics and Bioinformatics	2	
	Full	Laboratory Rotations	4.5	Semester Total: 12	
		Principles of Immunology Research Proposal Writing	1.5		
	Summer	Full	Research	4.5	Semester Total: 6
Second Year	Fall	Full	Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Spring	Full	Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Summer		Dissertation Research	6	Semester Total: 6
Third Year	Fall	Full	Dissertation Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Spring	Full	Dissertation Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Summer		Dissertation Research	6	Semester Total: 6
Fourth Year & Beyond	Fall	Full	Dissertation Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Spring	Full	Dissertation Research	8	
			WIP Seminar / Journal Club	1	Semester Total: 9
	Summer		Dissertation Research	6	Semester Total: 6
Minimum Credit Hours for PhD					102

* Students must take a minimum of 1.5 elective credit hours chosen from courses offered by the Graduate School of Biomedical Sciences prior to taking the qualifying exam. Courses offered as part of the MoDTS and 3MD tracks do not count towards this requirement.