

## Immunology Degree Plan

First year DBS students take 12 credit hours in fall and spring, and 6 credit hours in the summer semesters. In subsequent years they are enrolled in 9 credit hours in fall and spring, and 6 credit hours in the summer. Typically, didactic coursework is completed in the first year, and in subsequent years students are enrolled in dissertation research and a combined WIP seminar/journal club totaling full-time enrollment equivalency. Advancement of the student to Ph.D. candidacy is dependent upon successful completion of all coursework and the qualifying examination, which takes place in the second year.

Year	Term	Half/ Full	Title	Credit Hour	Total Credit Hrs/Term	
First Year	Fall	1 <sup>st</sup> Half	Core Curriculum - Genes	2		
			Core Curriculum - Proteins	2		
		2 <sup>nd</sup> 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 <sup>st</sup> Half	Advanced Topics in Immunology	1.5		
			Clinical Immunology	1.5		
		2 <sup>nd</sup> Half	Immunology of Infectious Disease	1.5		
			Full	Professionalism, Responsible Conduct of Research, and Ethics II	1	
				Introduction to Biostatistics and Bioinformatics	2	
	Summer	Full	Laboratory Rotations	4.5	Semester Total: 12	
Immunology Research Principles			1.5			
			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	