

Molecular Microbiology Degree Plan

Year	Term	Title	Course #	Credit Hour	Total Credit Hrs/Term	
First Year	Fall	DBS Core Course	N/A	9	Semester Total: 12	
		Ethics	N/A	1		
		Rotations	N/A	2		
	Spring	Required Courses	Ethics	N/A	1	Semester Total: 12
			Rotations	N/A	Variable	
			Advanced Coursework Elective	N/A	Variable	
			Principles of Microbiology	MM5106-01	1.5	
Microbial Genetics	MM5103-01	1.5				
Summer	Research	N/A	6	Semester Total: 6		
Second Year	Fall	Required Courses	Ethics III	BSCI5097-01	1	Semester Total: 9
			Contemporary Topics	MM5061-01	1	
			Seminar	MM5093-01	1	
			Research	MM5094-01	1.5	
			Virology	MM5105-01	1.5	
			Microbial Pathogenesis	MM5104-01	1.5	
	Immunobiology of Infectious Diseases	MM5102-01	1.5			
	Spring	Required Courses	Contemporary Topics	MM5061-01	1	Semester Total: 9
			Seminar	MM5093-01	1	
			Research	MM5094-01	7	
Summer	Research	MM5094-01	6	Semester Total: 6		
Third Year	Fall	Required Courses	Dissertation Research	MM5094-01	7	Semester Total: 9
			Contemporary Topics	MM5061-01	1	
			Seminar	MM5093-01	1	
	Spring	Required Courses	Dissertation Research	MM5094-01	7	Semester Total: 9
			Contemporary Topics	MM5061-01	1	
			Seminar	MM5093-01	1	
Summer	Dissertation Research	MM5094-01	6	Semester Total: 6		
Fourth Year and Beyond	Fall	Required Courses	Dissertation Research	MM5094-01	7	Semester Total: 9
			Contemporary Topics	MM5061-01	1	
			Seminar	MM5093-01	1	
	Spring	Required Courses	Dissertation Research	MM5094-01	7	Semester Total: 9
			Contemporary Topics	MM5061-01	1	
			Seminar	MM5093-01	1	
Summer	Dissertation Research	MM5094-01	6	Semester Total: 6		
Minimum Credit Hours for Ph.D.					102	

First year DBS students take 12 credit hours in fall and spring, and 6 credit hours in the summer semester. 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 two year, and in subsequent years students are enrolled for research, seminars, or journal clubs totaling full-time enrollment equivalency. Advancement of the student to Ph.D. candidacy is dependent upon successful completion of the oral proposal examination which takes place in the late spring of the second year.