

## Genetics and Development Degree Plan

Year		Term	Title	Credit Hour	Total Credit Hrs/Term
First Year	Fall		DBS Core Course	9	
			Ethics	1	
			Rotations	2	Semester Total: 12
	Spring		Ethics	1	
			Gene Transcription	1.5	
			Advanced coursework*	Variable	
		Rotations	Variable	Semester Total: 12	
Summer		Research	6	Semester Total: 6	
Second Year	Required	Fall	Ethics	1	
			Seminar	1	
			Research	Variable	
	Electives	Fall	Advanced Genetics I	1.5	
			Advanced Coursework*	Variable	
					Semester Total: 9
	Required	Spring	Seminar	1	
			Research	Variable	
			Hypothesis Driven Grant Writing	1.5	
Electives	Spring	Topics in Developmental Biology -or- Advances in Germ & Stem Cell Biology	1.5		
				Semester Total: 9	
	Summer		Advanced Coursework*	Variable	Semester Total: 6
Third Year	Fall		Dissertation Research	8	
			Seminar	1	Semester Total: 9
	Spring		Dissertation Research	8	
			Seminar	1	Semester Total: 9
	Summer		Dissertation Research	6	Semester Total: 6
Fourth Year & Beyond	Fall		Dissertation Research	8	
			Seminar	1	Semester Total: 9
	Spring		Dissertation Research	8	
			Seminar	1	Semester Total: 9
	Summer		Dissertation Research	6	Semester Total: 6
<b>Minimum Credit Hours for PhD</b>					<b>102</b>

*Advanced Coursework	Credit Hour
Any Course Offered by DBS	Variable
Recommended Courses	
Advanced Genetics II (Human Genetics)	1.5
Quantitative Analysis of Genes and Genomes	1.5
Topics in Developmental Biology	1.5
Advances in Germ and Stem Cell Biology	1.5

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 two years, and in subsequent years students are enrolled for research, seminars, or journal clubs totaling full-time enrollment equivalency.