

Neuroscience 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		
		Fundamentals of Neuroscience	3		
		Rotations	Variable		
		Advanced Coursework*	Variable	Semester Total: 12	
Summer	Research	6	Semester Total: 6		
Second Year	Required	Fall	Ethics	1.5	
			Contemporary Topics	1.5	
			Chemical Neurotransmission	1.5	
			Research	Variable	
			Advanced Coursework*	Variable	Semester Total: 9
	Electives	Spring	Contemporary Topics	1	
			Advanced Coursework*	Variable	
	Summer	Research	6	Semester Total: 9	
		Research	6	Semester Total: 6	
Third Year	Fall	Dissertation Research	7.5		
		Contemporary Topics	1.5	Semester Total: 9	
	Spring	Dissertation Research	7.5		
		Contemporary Topics	1.5	Semester Total: 9	
	Summer	Dissertation Research	6	Semester Total: 6	
Fourth Year & Beyond	Fall	Dissertation Research	7.5		
		Contemporary Topics	1.5	Semester Total: 9	
	Spring	Dissertation Research	7.5		
		Contemporary Topics	1.5	Semester Total: 9	
	Summer	Dissertation Research	6	Semester Total: 6	
Minimum Credit Hours for PhD				102	

*Advanced Coursework	Credit Hour
Neural Control of Homeostasis	1.5
Neurobiology of Mental Illness	1.5
Structure & Function of the Ion Channel	1.5
Neuropharmacology	1.5
Chemical Neurotransmission	1.5
Heritable Neurological Disease of Mice & Men	1.5
Neurobiology of Drug Addiction	1.5
Other Electives Approved by Program	Variable

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.