

1st Year		Credit Hours
Undifferentiated Curriculum		
Semester 1	Foundations of Contemporary Biomedical Research 1 & 2 Cellular Methods Scientific Integrity Laboratory Rotations	8 1 1 2
	Total	12
Student chooses a laboratory to carry out dissertation research		
Semester 2	Molecular Biology Biochemistry and Molecular Biology Journal Club Research	3 1 8
	Total	12
Summer	Research	6
	Total	6
Written Qualifying Exam the first week of August		
2nd Year		Credit Hours
Semester 1	Advanced Course (possibly Biochemical and Oncogenic Signaling Pathways) Biochemistry and Molecular Biology Journal Club Research	3 1 8
	Total	12
Semester 2	Advanced Course (possibly Protein Structure and Enzymology or Advanced Molecular Biology offered on alternate years) Biochemistry and Molecular Biology Journal Club Research	4 1 7
	Total	12
Summer	Scientific Writing Research	2 4
	Total	6
Student writes dissertation proposal.		
3rd-5th Year		Credit Hours
Semester 1	Biochemistry and Molecular Biology Journal Club Out of area seminar Research	1 1 10
	Total 12	
Semester 2	Biochemistry and Molecular Biology Journal Club Research	1 11
	Total	12
By June 30 of the 3rd year, the student must have completed the dissertation proposal defense.		
Summer	Research	6
	Total	6

To retain full time student status and to qualify for the graduate tuition waiver, students must register for a minimum of 9 credit hours each regular semester and 6 credit hours during the summer session.