

Student's Name: _____ Semester/Year Entered: _____

An undergraduate degree, either in the biological or physical sciences or in engineering, is required for admission into the graduate program leading to the Ph.D. Degree. Applicants are also expected to have completed undergraduate courses in biology, calculus, physics and organic chemistry

Required didactic courses (minimum of 30 credits):

	Credit Hours	Year Completed	Grade
1. Core Curriculum			
First Year			
<i>Fall</i>			
GS604 Graduate Student Research Opportunities	0	_____	_____
GS612 Biomedical Sciences Laboratory Rotations (1st Rotation)	2	_____	_____
GS616 Foundations of Molecular and Cellular Biology	4	_____	_____
MPHP602-002 Principles of Biostatistics	3	_____	_____
<i>Spring</i>			
GS612 Biomedical Sciences Laboratory Rotations (2nd Rotation)	2	_____	_____
GS612 Biomedical Sciences Laboratory Rotations (3rd Rotation)	2	_____	_____
GS892 Introduction to the Presentation and Analysis of Scientific Literature: Journal Club	1	_____	_____
Second Year			
<i>Fall</i>			
GS637 Responsible Conduct of Scientific Research (Research Ethics)	2	_____	_____
<i>In addition, students must take additional advanced electives.</i>			
2. Required Physiology Courses			
PHY657 Systems Physiology - Spring	6	_____	_____
PHY659 Physiology Seminar – Fall/Spring	1	_____	_____
3. Advanced Courses			
PHY627 Grant Writing Course in Neuroscience & Physiology	3	_____	_____

Specialty courses and biostatistics selected to support and enrich the student's research area.

Presentations: Each student in the Physiology Graduate Program is required to attend the complete seminar series and to present a seminar to the members of the Program each year. A final seminar will be presented as the oral part of the dissertation defense.

Qualifying Examination: Soon after the completion of didactic course requirements, each student must pass a PhD Qualifying Examination that includes written and oral sections. This is traditionally taken at the end of the spring of the second year.

Dissertation: A dissertation describing the results of original research is required along with an oral defense.

M.S. Degree

Master Student programs are tailored to meet individual student needs.

MS students are required to take:

Second Year

Fall

Additional courses determined by degree granting program and Advisor.