

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

1. Didactic Course Credits:

		Credit Hours	Year Completed	Grade
<u>A. Required Courses:</u>				
GS616	Foundations of Molecular and Cellular Biology	4	_____	_____
MPHP602-002	Principles of Biostatistics	3	_____	_____
GS637	Responsible conduct of Science Research (Research Ethics)	2	_____	_____
GS892	Introduction to the presentation and Analysis of Scientific Literature: Journal club	1	_____	_____
PHA645	Pharmacology Seminar (one per academic year)	0	_____	_____

B. Elective Advanced Pharmacology Courses:

PHA610	Principles of Pharmacology*	1	_____	_____
PHA617	Methods of Pharmacology Research	2	_____	_____
PHA612	Cardiovascular Physiology and Pharmacology*	1	_____	_____
PHA602	Cell Physiology of Excitable cells*	2	_____	_____
PHA615	Apoptosis and Cancer Pharmacology*	2	_____	_____
PHA618	Current Topics in Pharmacology*	1	_____	_____
PHA622	Principles and Practices of Drug Discovery and Development*	1	_____	_____
PHA623	Grant Writing	3	_____	_____

Minimum of 20 didactic course credits are required for all M.S. students in the Department of Pharmacology. Of the 20 didactic course credits, GS616, MPHP602-002, GS637, GS892, and PHA645 are required. All M.S. students are also required to take a minimum of 4 advanced Pharmacology Course credits (including PHA610) indicated with an asterisk. Students can take other elective courses offered by the Department of Pharmacology or by other Departments to fulfill the didactic course requirement. It is suggested that students take Methods of Pharmacology Research (PHA617) in the first year (no more than 4 credits).

2. Research Credits

Minimum 10 research credits are required for Pharmacology M.S. students.

PHA 700 Research in Pharmacology