Master of Science Degree In Pharmaceutical Sciences
Specialization: Pharmacology

	REQUIRED CORE COURSES	credits
select one	PHS 212 Applied Biochemistry I or PHS 259 Cell Signals & Regulatory Systems	3
PAS 252	Biostatistics	3
PHM 201	Pharmacology of the Autonomic Nervous System	3
PHM 211	Biochemical Neuropharmacology	3
	Total	12
PHS 900	Masters Research (must register at least twice)	3
	ELECTIVES COURSES:	
PHM 101	Special Problems	3
PHM 102	Principles of Pharmacology I	3
PHM 103	Principles of Pharmacology II	3
PHM 202	Advanced Pharmacology	3
PHM 203	Research Methods in Pharmacology	3
PHM 209	Pharmacological Aspects of Respiratory Disease	3
PHM 216	Advanced Psychopharmacology	3
PHM 221	Clinical Pharmacology	3
PHM 232	Pharmacology Journal Club	2
PHM 240	Pharmacology of Anticancer Drugs	3
PHM 246	Pharmacology of Drugs Abuse	3
PHM 247	Reproductive Pharmacology	3
PHM 249	Cardiovascular Pharmacology	3
PHS 213	Applied Biochemistry II	3
PHS 250	Cell & Tissue Culture (Co-Requisite 250L)	3
PHS 250L	Laboratory in Cell and Tissue Culture (Co-Requisite 250)	1
PHS 256	Pharmaceutical Analysis Laboratory	3
PHS 257	Gene Technology in the Pharmaceutical & Health Science	3
MCM 223	Design of Nucleoside Analogs	3
MCM 224	Design of Enzyme Inhibitors	3
MCM 245	Laboratory Use of Radiotracers	3
MCM 248	Receptors and Mechanism of Drug Action	3

PLAN A STUDENTS:
Core: 12 credits
Electives: 12 credits
Research: 6 credits
Total: =30 credits

PLAN B STUDENTS:
Core: 12 credits
Electives: 21 credits
Total: = 33 credits

Note: Student without adequate background in Pharmacology will be required to take PHM 102 and PHM 103. These credits will not be counted towards your degree.

Elective courses offered by a different department such as Chemistry must be approved by the Major Advisor and the Department Chair.