

PHARMACEUTICAL SCIENCES - PH.D.

Ph.D., PHARMACEUTICAL SCIENCES (PPS) REQUIREMENTS (90 CREDITS)

The PPS will require a minimum of **90 credit** hours of graduate coursework which will include **30 credits** hours of required courses. The remainder of the credits can be obtained via elective courses as approved by student's supervisor (chair, dissertation committee) and and dissertation committee members.

Code	Title	Credits
Required Core Courses:		
IDC 601	Responsible Conduct of Research	1
MPS 544	Introduction to Research Methods and Biostatistics	3
MPS 608	Leadership Attributes for Professional and Personal Growth	3
MPS 792	Pharmaceutical Sciences Discussion Series	1
MPS 793	Pharmaceutical Sciences Presentation Series	1
IDC 625	Introduction to Biostatistics for the Biomedical Sciences	3
IDC 701	Research Writing	3
MPS XXX - Doctoral Dissertation		15
Electives:		
MPS 691	Pharmaceutical Science Seminar	1
MPS XXX Latest Development in Pharmaceutical Sciences		2
MPS XXX Scientific Manuscript and Grant Proposal Writing		4
MPS XXX Persuasively speaking about a grant proposal		2
MIC 753	Advanced Antimicrobial Agents And Chemotherapy	3
MPS 531	Chemical Basis Drug Action I	3
MPS 532	Chemical Basis Drug Action II	2
MPS 543	Basic Pharmacokinetics	2
MPS 600	Ocular Pharmacology	2
MPS 602	Analytic Aspects of Pharmaceutical Sciences Research	3
MPS 603	Introduction to Pharmaceutical Materials Science	1
MPS 617	Advanced Pharmaceutics	3
MPS 634	Pharmaceutical Dosage Forms and Drug Delivery Systems	3
MPS 652	Pharmacoeconomics	3
PHR 631	Medical Pharmacology I	5
PHR 632	Medical Pharmacology II	5
MIC 745	Cellular And Molecular Immunology	3
MPS XXX Novel Drug Delivery Systems		3
MPS 800	Solid-State Pharmaceutics	3
MPS 897	Doctoral Dir Independent Study	6
MPS XXX Doctoral Directed Independent Research		4-6
Total Credits		93-95