

Doctor of Pharmacy/Master of Science in Pharmaceutical Sciences Concurrent Degree Program

	First Professional Year	Second Professional Year	Third Professional Year	Fourth Professional Year	MS Only
Fall	PHPS 700-Principles of Drug Action I* 4	PHPS 720n-Pharmacokinetics 3	PHPT 750a-Integrated 4	APPE III 6	PHPS 598- Pharmaceutical Sciences Research-R## 3 PHPS 595- Graduate Seminar in the Pharmaceutical Sciences** 1
	PHPS 702- Biochemical Principles for Pharmacy* 3	PHAS 728n-Pharmacy Management I 2	Pharmacotherapeutics V	APPE IV 6	
	PHPS 704- Biopharmaceutics and Drug Delivery I 2	PHPT 730a-Integrated 4	Pharmacotherapeutics VI	APPE V 6	
	PHPR 711-Drug Information 1	PHPT 730b-Integrated 4	PHPR 758a-Skills Lab V 1	PHPS 598-Pharmaceutical Sciences Research-R## 1	
	PHPR 717-Patient Care Communication 1	PHPT 730c-Integrated 4	PHAS 756-Pharmacy and Population Health 2		
	PHEP 719a-Personal and Professional Development 2	PHPT 730d-Integrated 4	PHAS 756-Pharmacy and Population Health 2		
	PHPR 718a-Skills Lab I 1	PHEP 739a- Personal and Professional Development III 3	PHEP 759a-Personal and Professional Development V 1		
	PHAS 708-Health Care Systems 3	PHPR 735n-Physical Assessment & Patient Care Skills 2	PHAS 733n-Pharmacy Law 2		
	PHAS 716-Ethical Issues in Healthcare 1	PHPR 738a-Skills Lab III 1	PHPS 500-Cellular Targets for Drug Discovery** 3		
		PHPS 595- Graduate Seminar in the Pharmaceutical Sciences** 1	PHPS 510-Pharmaceutical Sciences Foundations and Research Methods 1		
Spring	PHPS 701-Principles of Drug Action II 2	PHPT 730c-Integrated 4	PHPT 750c-Integrated 4	APPE VI 6	PHPS 599- Pharmaceutical Sciences Thesis Preparation 3
	PHPS 705n-Biopharmaceutics and Drug Delivery II 3	PHPT 730d-Integrated 4	Pharmacotherapeutics VII	APPE VII 6	
	PHPS 712- Immunology and Immunization Training 3	PHPT 730e-Integrated 4	Pharmacotherapeutics VIII	APPE VIII 6	
	PHEP 719b-Personal and Professional Development II 1	PHAS 709-Healthcare and Financial Management 2	PHPR 758b-Skills Lab VI 1		
	PHPR 718b-Skills Lab II 1	PHEP 739b-Personal and Professional Development IV 3	PHEP 759b-Personal and Professional Development VI 1		
	PHPR 710-Biomedical Literature Evaluation 3	PHPT 730f-Integrated 4	PHEP 751-Essentials of Research Application 1		
	PHPS 707n-Calculations 1	PHPR 738b-Skills lab IV 1	PHAS 754-Pharmacy Management II 2		
	PHPR 713n-Self Care and Alternative Medicines 3	PHPR 744-Health Promotion and Literacy 2	PHPS 501-Principles of Rational Drug Discovery** 3		
		PHPS 703-Principles of Pharmacogenomics 2	PHPS 540 Pharmacokinetics** 3		
			APPE I (PHEP 789-ImPaCT)*-R# 3	PHPS 598-Pharmaceutical Sciences Research-R## 3	
Summer			APPE II 6		

MS Core Courses

R = Research Hours

*PharmD courses counted towards MS curriculum

#PHEP 789 may be taken during different time in the 4th year.

**MS courses counted toward PharmD elective course requirements

##Need to accumulate at least 7 hours of PHPS 598. Credit hours may vary in each semester.