

PHAR Professional Division Curriculum (entering P1 Fall 2018 and after)

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Fifth Term					Pre &/or Co Req
	MBC	3310	Medicinal Chemistry I	2	CHEM 2420
	MBC	3550	Physiological Chemistry I	3	Chem 2420
	PHCL	3700	Pharmacology I	3	
	PHPR	3010	Pharmaceutical Calculations	2	
	PHPR	3020	Pharmaceutcs I	3	
	PHPR	3110	Pharmaceutics I Lab	1	Coreqs PHPR 3010, PHPR 3020
			Major electives	2	
				16	
Sixth Term					
	MBC	3320	Medicinal Chemistry II	3	MBC 3310, MBC 3550
	MBC	3560	Physiological Chemistry II	3	MBC 3550
	PHCL	3730	BSPS Pharmacology II	3	PHCL 3700
	PHPR	3030	Pharmaceutics II	3	PHPR 3020
	PHPR	3120	Pharmaceutics II Lab	1	Coreq PHPR 3030
			Major electives ¹	2	
				15	
Seventh Term					
	PHPR	4880	Internship in Pharmaceutics ²	3 to 6	
Eighth Term					
	MBC	3330	Techniques in Pharmaceutical and Medicinal Chemistry	2	
	MBC	3340	Techniques in Pharmaceutical and Medicinal Chemistry Laboratory	1	
	PHPR	4160	Pharmacokinetics	3	
	PHCL	4810	BSPS Pharmacology III	3	PHCL 3730
	PHPR	4770	Advanced Drug Delivery Systems I	3	PHPR 3020, PHPR 3030
	BUAD	2070	Business statistics and analytics	3	BUAD 2060 or MATH 2600 or MATH 2630
	CHEM	3310	Analytical Chemistry	2	CHEM 1240
				17	
Ninth Term					
	BUAD	3010	Principles of Marketing	3	ECON 1200 or MIME 2600
	BUAD	3030	Managerial and Behavioral Processes in Organization	3	
	BUAD	3020	Principles of Manufacturing and Service Systems	3	BUAD 2070
	CHEM	3360	Analytical Chemistry Lab	2	CHEM 3310, CHEM 1290
	MBC	3860	Microbiology for Pharmaceutical Profess	2	MBC 3550
				13	

¹Need 4 credit hours major electives.

² 3 credit hours are required, an additional 1-3 credit hours can be taken, The additional credit hours cannot be used as Pharmaceutics major elective hours.

All requirements listed above must be fulfilled with a minimum of 123 semester hours required for graduation.

PHAR Major Electives

Other electives require approval of the PHAR major adviser

BIOL	3010	Molecular Genetics	3
BIOL	3020	Molecular Genetics Lab	2
BIOL	4110	Human Genetics	3
BIOL	4330	Parasitology	3
CHEM	3730	Physical Chemistry I	3
CHEM	3740	Physical Chemistry II	3
ECON	4750	Health Economics	3
HEAL	2800	Principles of Nutrition	3
MBC	4380	Medicinal Plants	3
PHCL	4820	Pharmacology IV	3
PHPR	4680	Parenteral Manufacturing*	2
PHPR	4690	Dosage Form Design*	3
PHPR	4710	Selected Topics in Pharm. Tech.*	2
PHPR	4720	Pharmaceutical Rate Process*	2
PHPR	4900	Honors Seminar Pharmaceutics	1 to 3
PHPR	4910	Pharmacy Practice Problems	1 to 3
PHPR	4960	Honors Thesis Pharmacy Practice	4 to 5