

Professional Curriculum  
Starting Fall 2019

First Professional Year			
	Course	Credits	
Fall Semester	PHA 303	Introduction to the Practice of Pharmacy	2
	PHA 305	Applied Human Physiology	3
	PHA 307	Principles of Pharmacology	1
	PHA 311	Physiologic Biochemistry	3
	PHA 371	Biopharmaceutics I	3
	PHA 373	Biopharmaceutics I Lab	1
	PHA 319	Pharmaceutical Calculations I	2
	PHA 315	Pharmacists' Patient Care Process (PPCP) I	3
	PHA 101	Pharmacy Forum	0
	TOTAL		18
Spring Semester	Course	Credits	
	PHA 314	Medicinal Chemistry I	4
	PHA 308	Pharmacology & Pathophysiology I	4
	PHA 310	Medical Immunology	2
	PHA 372	Biopharmaceutics II	3
	PHA 374	Biopharmaceutics II Lab	1
	PHA 326	Pharmaceutical Calculations II	1
	PHA 316	Principles of Drug Information	3
	PHA 101	Pharmacy Forum	0
	TOTAL		18
Summer Term	Course	Credits	
	PHA 370	IPPE I (Community)	1
	TOTAL		1

Second Professional Year				
	Course	Credits		
Fall Semester	PHA 413	Medicinal Chemistry II	4	
	PHA 405	Pharmacology & Pathophysiology II	5	
	PHA 461	Pharmacokinetics	4	
	PHA 462	Pharmacokinetics Laboratory	1	
	PHA 415	Pharmacists' Patient Care Process (PPCP) II	3	
	PHA 417	PPCP Skills Lab	1	
	PHA 101	Pharmacy Forum	0	
	TOTAL		18	
	Spring Semester	Course	Credits	
		PHA 406	Pharmacology & Pathophysiology III	4
PHA 410		Therapeutics I	3	
PHA 412		Therapeutics II	3	
PHA 418		Applied Therapeutics Lab I	1	
PHA 434		Healthcare Administration I	2	
PHA 416		Biostatistics and Research Methods	3	
PHA 420		Principles of Toxicology	2	
PHA 101		Pharmacy Forum	0	
TOTAL		18		
Summer Term	Course	Credits		
	PHA 470	IPPE II (Institutional)	1	
	TOTAL		1	

Third Professional Year			
	Course	Credits	
Fall Semester	PHA 511	Therapeutics III	4
	PHA 513	Therapeutics IV	4
	PHA 517	Applied Therapeutics Lab II	1
	PHA 501	Self-Care and Non-Prescription Therapies	3
	PHA 545	Healthcare Administration II	3
		Elective	2
	PHA 570	IPPE III (Elective)*	1*
	PHA 101	Pharmacy Forum	0
TOTAL		17 (18)	
Spring Semester	Course	Credits	
	PHA 516	Therapeutics V	3
	PHA 518	Therapeutics VI	3
	PHA 520	Applied Therapeutics Lab III	1
	PHA 574	Pharmacy Practice Laboratory	4
	PHA 534	Pharmacogenomics	2
	PHA 532	Pharmacy Law/Ethics	2
		Elective	2
	PHA 570	IPPE III (Elective)*	1*
PHA 101	Pharmacy Forum	0	
TOTAL		17 (18)	
Summer Term	Course	Credits	
		APPE I	4
		APPE II	4
	PHA 650	Seminar I	1
TOTAL		9	

Fourth Professional Year			
	Course	Credits	
Fall Semester		APPE III	4
		APPE IV	4
		APPE V	4
	PHA 651	Seminar II	1
	TOTAL		13
Spring Semester	Course	Credits	
		APPE VI	4
		APPE VII	4
		APPE VIII	4
	PHA 652	Seminar III	1
TOTAL		13	
Summer Term	Course	Credits	
	TOTAL		0