

Doctor of Pharmacy Professional Course Requirements – Effective Fall 2020

Professional						
TERM	SUBJECT	NUMBER		COURSE TITLE	CR HRS	COURSE REQUIREMENTS
Fifth Term						
	MBC	3310		Med Chem I: Drug Action and Design	2	CHEM 2420
	MBC	3550		Physiological Chem I	3	
	PHCL	3700		Pharmacology I	3	
	PHPR	3000		Pharmaceutics and Dosage Form Design	5	
	PHPR	3450		Pharmacy Skills Development-1	2	
	PHPR	3920		IPPE-1	1	
	PHPR	3300		Commonly Prescribed Meds & Med Terms I	1	
	PHPR	3050		Interprofessional Approach to Patient Care	1	
					18	
Sixth Term						
	PHPR	3310		Introduction to Pharmacy Law	1	
	MBC	3552		Physiological Chem II Cellular Metabolism and Homeostasis	2	MBC 3550
	PHM	3000		Integrated Pharmaceutical and Clinical Sciences 1	6	MBC 3310, PHCL 3700, Coreq PHPR 3460
	PHPR	3460		Pharmacy Skills Development-2	2	PHPR 3450
	PHPR	3930		IPPE-2	1	PHPR 3920
	MBC	3860		Microbiology for Pharmaceutical Professionals	2	MBC3550
	PHPR	3470		Pharmacokinetics	3	
	PHPR	3250		Introduction to Self Care	1	PHCL 3700, PHPR 3450, Coreq PHPR 3460
					18	
Seventh Term						
	PHM	4000		Integrated Pharmaceutical and Clinical Sciences 2	8	MBC 3310, PHCL 3700, PHPR 3470, PHM 3000, Coreqs PHPR 4350
	PHPR	4350		Pharmacy Skills Development-3	2	PHPR 3460, Coreq PHPR 4220
	PHPR	4920		IPPE-3	1	PHPR 3930
	PHPR	4220		Medication Therapy Management	2	Coreq PHPR 4350
	PHPR	4530		Evidence Based Medicine I	3	MTH 2640, Coreq PHPR 4350, PHPR 4360
	PHPR	4300		Commonly Prescribed Meds & Med Term II	1	PHPR 3300, Coreq PHPR 4350
					17	

Eighth Term						
	PHM	4200		Integrated Pharmaceutical and Clinical Sciences 3	8	MBC 3310, PHCL 3700, PHM 3000, Coreq PPHR 4360
	PHPR	4360		Pharmacy Skills Deveopment-4	2	PHPR 4350, PPHR 4530
	PHPR	4930		IPPE-4	1	
	PHPR	4270		Health Systems	1.5	
	PHPR	4540		Evidence Based Medicine II	2	PHPR 4530, Coreq PPHR 4360
					14.5	
Following admission to the professional division, the entry-level Pharm.D. program students will complete a bachelor of science in pharmaceutical sciences degree prior to more focused course work in pharmacotherapy and pharmaceutical care. Students in the entry-level Pharm.D. track who have completed the bachelor of science in pharmaceutical sciences degree at The University of Toledo and meet progression standards are eligible to continue in the Pharm.D. program.						
In order to graduate with a Pharm.D. degree, students must meet the current academic performance standards. Only students who successfully complete the Pharm.D. degree will qualify for licensure in the practice of pharmacy. A total of 126.5 semester hours is required for graduation with the bachelor of science in pharmaceutical sciences-Pharm.D. track degree. A total of 69 graduate semester hours is required for graduation with the Pharm.D. degree. The Pharm. D. program is accredited by ACPE and will be revisited for reaccreditation in Fall of 2019.						
Graduate Professional Doctor of Pharmacy						
Students must graduate with the BSPS Doctor of Pharmacy prior to beginning the final two years (ninth through thirteenth terms) of the Doctor of Pharmacy program						
TERM	SUBJECT	NUMBER		COURSE TITLE	CR HRS	COURSE REQUIREMENTS
Ninth Term						
				Institutional IPPEs		
Tenth Term						
	PHM	6000		Integrated Pharmaceutical and Clinical Sciences 4	7	Coreq PPHR 6460
	PHPR	6460		Pharmacy Skills Development-5	2	
	PHPR	6920		IPPE-5	1	
	PHPR	6220		Pharmacoeconomics and Outcomes Research	1	
	PHPR	6000		Drug Information Seminar (fall or spring)	2	
				Professional elective	4	
					15-17	
				* A total of 7 credit hours of Graduate Professional Electives is required		
Eleventh Term						
	PHM	6200		Integrated Pharmaceutical and Clinical Sciences 5	5	Coreq PPHR 6470
	PHPR	6310		Jurisprudence and Ethics	1	
	PHPR	6470		Pharmacy Skills Development-6	2	PHPR 6460
	PHPR	6270		Business Aspects of Pharmacy	2	PHPR 6460
	PHPR	6250		Advanced Self Care	3	PHPR 6460
	PHPR	6000		Drug Information Seminar (fall or spring)	2	
				Professional elective	3	
* A total of 7 credit hours of Graduate Professional Electives is required				Credit Hrs	16 - 18	

Twelfth Term						
	PHPR	8940-001		Clinical Clerkship I	4	
	PHPR	8940-002		Clinical Clerkship II	4	
	PHPR	8940-003		Clinical Clerkship III	4	
	PHPR	8940-004		Clinical Clerkship IV	4	
	PHPR	8940-005		Clinical Clerkship V	4	
					20	
Thirteenth Term						
	PHPR	8940-005		Clinical Clerkship I	4	
	PHPR	8940-006		Clinical Clerkship II	4	
	PHPR	8940-007		Clinical Clerkship III	4	
	PHPR	8940-008		Clinical Clerkship IV	4	
					16	

Graduate Pharm D Total hours

69

Total for 6 years

195.5*

*If student double dips

Pharm.D. Professional Electives MBC

MBC	5100/7100	Research Practices in Medicinal Chemistry	1
MBC	5380	Medicinal & Poisonous Plants	3
MBC	5620/7620	Biochemical Techniques	2
MBC	6100/8100	Advanced Immunology	2
MBC	6190/8190	Advanced Medicinal Chemistry	4
MBC	6200/8200	Biomedical Chemistry	4
MBC	6420	Protein Chemistry/CHEM 6510/8510	2 or 4
MBC	6430/8430	Nucleic Acid Chem/CHEM 6530/8530	2 or 4
MBC	6440/8440	Enzymology/CHEM 6520/8520	2 or 4
MBC	6750/8750	Bioorganic Chemistry: Chemical	
MBC	6800/8800	Methods in Biotechnology	3
MBC	6980	Special Topics in Biological Chemistry	1 to 5
PHCL			
PHCL	5730	Toxicology I	3
PHCL	5750	Toxicology II	3
PHCL	5760	Toxicokinetics	3
PHCL	5990	Problems in Pharmacology	1 to 6
PHCL	6600	Seminar in Pharmacology	1
PHCL	6770	Toxicological Risk Assessment	3
PHPR			
PHPR	5590	Readings Access & Cultural Competence	2

PHPR	5680	Parenteral Manufacturing	2
PHPR	5690	Dosage Form Design	3
PHPR	5710	Selected Topics in Pharmaceutical Techniques	2 to 3
PHPR	5720	Pharmaceutical Rate Processes	3
PHPR	5810	Finance & Personal Planning for Pharmacists	2
PHPR	5870	Compounding Boot Camp	2
PHPR	5990	Problems in Pharmacy Practice	1 to 6
PHPR	6400	Topics in Internal Medicine	2
PHPR	6410	Leadership: Principles and Practice	2
PHPR	6530	Research Methods in Pharmacy Practice	3
PHPR	6600	Seminar in Administrative Pharmacy	1
PHPR	6670	Chemical Dependency & The Pharmacist	3
PHPR	6700	Special Topics in Diabetes Care	2
PHPR	6810	Hospital Pharmacy Administration	3
PHPR	6820	Selected Topics in Hospital Pharmacy	3
PHPR	6830	Advanced Community Pharmacy Admin	3
PHPR	6840	Selected Topics in Community Pharmacy	3
PHPR	6950	Seminar in Industrial Pharmacy	1
PHPR	6980	Special Topics	1 to 5
PHPR	8540	Geriatric Monitoring Principles	3
PHM			
PHM	6400	Physical and Mental Effects of Psychoactive Substances	2
Additional Recommendations			
BUAD	6300	Strategic Marketing & Analysis	3
BUAD	6600	Supply Chain Management	3
BUAD	6900	Senior Business Policy Forum	3
COMM	6260	Business Communication and Technology	3
COUN	6240	Diagnosis and Mental Health	4
COUN	6470/8470	Drugs and Mental Health Counseling	4
EDP	5210	Child Behavior and Development	3
EDP	5230	Adult Development	3
HEAL	5750	Obesity and Eating Disorders	3
HEAL	6530/8530	Drug Use and Misuse	3
MGMT	5110	Introduction to Management	3
NURS	528	Theories of Addictive Behavior	3
PSC	5330	Healthcare Policy	3
PSY	6600	Behavioral Neuroscience	3
PUBH	6330	Public Health and Aging	3
SOC	5160	Health and Gender	3
The University of Florida, College of Pharmacy			
PHA	5239	Legal and Org Environ of Medicines Use	3

PHA	6935	Sel Topics in Pharmacy: Pharmaceutical Crimes Practice & Procedure	3
PHA	6935	Selected Topics in Pharmacy: Vet. Pharm	2
Mercer College of Pharmacy			
PHA	505	Community Pharmacy Ownership	2