

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

TERM	SUBJECT	NUMBER	COURSE TITLE	CR HRS	Pre &/or Co Req
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	Coreq PHPR 3450
				18	
Sixth Term					
	MBC	3552	Physiological Chem II Cellular Metabolism and Homeostasis	2	MBC 3550
	MBC	3860	Microbiology for Pharmaceutical Professionals	2	MBC3550
	PHM	3100	Cardiology-I -Hypertension and Hyperlipidemia	2	MBC 3310, PHCL 3700, Coreq PHPR 3460
	PHM	3120	Diabetes/Endocrine	3	MBC 3310, PHCL 3700, Coreq PHPR 3460
	PHPR	3060	Introduction to Patient Care	1	MBC 3310, PHCL 3700, Coreq PHPR 3460
	PHPR	3250	Introduction to Self Care	1	PHCL 3700, PHPR 3450, Coreq PHPR 3460
	PHPR	3310	Introduction to Pharmacy Law	1	
	PHPR	3460	Pharmacy Skills Development-2	2	PHPR 3450
	PHPR	3470	Pharmacokinetics	3	
	PHPR	3930	IPPE-2	1	PHPR 3920
				18	
Seventh Term					
	PHM	4010	Immunology	3	MBC 3310, PHCL 3700, PHPR 3060, Coreq PHPR 4350
	PHM	4030	Infectious Diseases	4	MBC 3310, MBC 3860, PHCL 3700, PHPR 3060, PHPR 3470, Coreqs PHPR 4350, PHPR 4470
	PHPR	4220	Medication Therapy Management	2	Coreq PHPR 4350
	PHPR	4300	Commonly Prescribed Meds & Med Term II	1	PHPR 3300, Coreq PHPR 4350
	PHPR	4350	Pharmacy Skills Development-3	2	PHPR 4220
	PHPR	4470	Applied Clinical Pharmacokinetics Primer	1	PHPR 3470, Coreq PHPR 4030
	PHPR	4530	Evidence Based Pharmacy Practice I	3	MATH 2640 or 2600, Coreq PHPR 4350
	PHPR	4920	IPPE-3	1	PHPR 3930
				17	

Eighth Term					
	PHM	4100	Psychiatry and Neurology	3	MBC 3310, PHCL 3700, PHPR 3060, Coreq PHPR 4460
	PHM	4120	Pain and Substance Abuse	2	PHPR 3060, Coreq PHPR 4460
	PHM	4140	Hematology	1.5	MBC 3310, PHCL 3700, PHPR 3060, Coreq PHPR 4460
	PHM	4160	Pulmonary	1.5	MBC 3310, PHCL 3700, PHPR 3060, Coreq PHPR 4460
	PHPR	4360	Pharmacy Skills Deveopment-4	2	PHPR 4350, PHPR 4530
	PHPR	4930	IPPE-4	1	PHPR 4920
	PHPR	4270	Health Systems	1.5	
	PHPR	4540	Evidence Based Pharmacy Practice II	2	PHPR 4530, Coreq PHPR 4460
				14.5	
		KEY:	Experience		

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	6010	Cardiology-II	3	Coreq PHPR 6450
	PHM	6030	Gastrointestinal	2	Coreq PHPR 6450
	PHPR	6300	Fluids Electrolytes and Kidney Disease	2	Coreq PHPR 6450
	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	6100	Oncology	2	Coreq PPHR 6460
	PHPR	6170	Special Populations and Topics	3	Coreq PPHR 6460
	PHPR	6310	Jurisprudence and Ethics	1	
	PHPR	6470	Pharmacy Skills Development-6	2	PHPR 6450
	PHPR	6270	Business Aspects of Pharmacy	2	PHPR 6450
	PHPR	6250	Advanced Self Care	3	PHPR 6450
	PHPR	6000	Drug Information Seminar (fall or spring)	2	
			Professional elective	3	
				16 - 18	
* A total of 7 credit hours of Graduate Professional Electives is required					
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	
Total 6 years				195.5	

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
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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
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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
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