

# Doctor of Pharmacy Required Curriculum

(Doctor of Pharmacy Class of 2024-27)



	Year 1 Fall	Year 1 Spring	Year 1-2 Summer	Year 2 Fall	Year 2 Spring	Year 2-3 Summer	Year 3 Fall	Year 3 Spring	Year 3-4 Summer	Year 4 Fall	Year 4 Spring
Didactic Courses	PHAR505: Abilities Lab 1 (2)	PHAR518: Abilities Lab 2 (2)		PHAR538: Abilities Lab 3 (1.5) <small>PHAR538</small>	PHAR548: Abilities Lab 4 (2) <small>PHAR548</small>		PHAR557: Abilities Lab 5 (1.5)	PHAR5019: Abilities Lab 6 (2)			
	PHAR5000: General Patient Management (3)	PHAR5001: AST1: Respiratory/ GI/Nutrition (3)		PHAR5003: AST3: Autoimmune/ Joints/Bones (2)	PHAR5006: AST6: Endocrine/ Women's Health/GU (3)		PHAR569: Pharmacotherapy 1 (2)	PHAR570: Pharmacotherapy 2 (2)			
	PHAR503: Genomics & Proteomics (3)	PHAR5002: AST2: Hematology/ Pain/Oncology (3)		PHAR5004: AST4: Renal/Hepatic Disorders (2)	PHAR5021: AST7: Psyc/ Toxicology (3)		PHAR5013: Self-Care & Nonprescription 1 (2)	PHAR5014: Self-Care & Nonprescription 2 (2)			
	PHAR506: Principles of Drug Action (3)	PHAR525: Immunology (2)		PHAR5005: AST5: Cardio/ Cerebrovascular (4)	PHAR5022: AST8: Substance Abuse & Neuro (3)		PHAR5011: Pharmacy Practice Mgmt & Leadership (3)	PHAR580: Pharmacy Law (2)			
	PHAR510: Biochemistry (3)	PHAR533: Medicinal Chemistry 1 (2)			PHAR5010: Health Policy & Systems (2)		PHAR5012: Pharmacoepi and Pharmacoecon (2)	PHAR5015: Public Health Pharmacy (2)			
	PHAR504: Physical & Pharmaceutical Chem (3)	PHAR539: Medicinal Chemistry 2 (2)		PHAR5016: Infectious Disease Therapeutics 1 (3)	PHAR5017: Infectious Disease Therapeutics 2 (3)		PHAR535: Pharmaceutics (3)	Electives (7)			
	PHAR5023: Professional Foundations of Pharmacy 1 (1)	PHAR5024: Professional Foundations of Pharmacy 2 (1)		PHAR556: Pharmacokinetics (2)			Electives (4)				
		PHAR5009: Medical Evidence (2)									
Experiential Courses			IPPE 100 One week (40 hour) rotation (1)			IPPE 300 (4) 4 weeks IPPE 307 (3) 3 weeks (40 hours per week) summer or winter break		IPPE 300 (4) 4 weeks IPPE 307 (3) 3 weeks (40 hours per week) summer or winter break		Required Advanced Community, Health-System, Acute Care/ General Medicine, Ambulatory Care, and Population Health, four elective rotations and the Pharmacy Practice Pinnacle (1440 hours) (36)	
Credit Hours	18	17	1	14.5	16	6	17.5	17	38 (146 overall)		

## Content Key

### Abilities Lab 1-6

- ABL1** Dispensing (incl. IV dosage forms), vital signs, patient counseling, drug information and medical documentation
- ABL2** Dispensing (incl. complex IV admixture), lung and foot exams
- ABL3** Hospital dispensing (unit dose, physician order review, IV infusion devices, sterile compounding), medication errors, adverse drug events, Medication history/reconciliation, discharge counseling
- ABL4** Community dispensing, mental status exams and motor function evaluations, diagnostic devices, injections
- ABL5** Compounding and drug information
- ABL6** Medication therapy management (MTM), patient assessment skills, calculations, medical terminology, documentation of interventions, PCOA

### Applied Science and Therapeutics 1-8

- AST1** Respiratory, Gastrointestinal and Nutrition
- AST2** Hematology, Pain and Oncology
- AST3** Autoimmune, Bone and Joint
- AST4** Renal and Hepatic Disorders
- AST5** Cardiovascular and Cerebrovascular Disorders
- AST6** Endocrine, Women's Health and Genitourinary Disorders
- AST7** Psychiatric and Toxicology
- AST8** Substance Abuse & Neurology

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Credit Allocation By Semester (Doctor of Pharmacy Class of 2024-27)

Course	Course Number(s)	P1 Fall	P1 Spring	P1 Summer	P2 Fall	P2 Spring	P2/3 Sum/Win	P3 Fall	P3 Spring	P4 All	Total
Genomics and Proteomics	PHAR 503	3									3
Physical and Pharmaceutical Chemistry	PHAR 504	3									3
Abilities Lab 1, 2	PHAR 505, 518	2	2								4
Principles of Drug Action	PHAR 506	3									3
Professional Foundations of Pharmacy 1	PHAR 5023	1									1
Professional Foundations of Pharmacy 2	PHAR 5024		1								1
Biochemistry	PHAR 510	3									3
Immunology	PHAR 525		2								2
Medicinal Chemistry 1, 2	PHAR 533, 539		4								4
General Patient Management	PHAR 5000	3									3
Applied Science and Therapeutics 1: Respiratory, Gastrointestinal and Nutrition	PHAR 5001		3								3
Applied Science and Therapeutics 2: Hematology, Pain and Oncology	PHAR 5002		3								3
Medical Evidence	PHAR 5009		2								2
Infectious Diseases Therapeutics 1, 2	PHAR 5016, 5017				3	3					6
Abilities Lab 3, 4	PHAR 538, 548				1.5	2					3.5
Pharmacokinetics	PHAR 556				2						2
Applied Science and Therapeutics 3: Autoimmune, Joints and Bones	PHAR 5003				2						2
Applied Science and Therapeutics 4: Renal and Hepatic Disorders	PHAR 5004				2						2
Applied Science and Therapeutics 5: Cardiovascular and Cerebrovascular Disorders	PHAR 5005				4						4
Applied Science and Therapeutics 6: Endocrine, Women's Health and Genitourinary Disorders	PHAR 5006					3					3
Applied Science and Therapeutics 7: Psychiatry and Toxicology	PHAR 5021					3					3
Applied Science and Therapeutics 8: Substance Abuse & Neurology	PHAR 5022					3					3
Health Policy and Systems	PHAR 5010					2					2
Pharmaceutics	PHAR 535							3			3
Abilities Lab 5, 6	PHAR 557, 5019							1.5	2		3.5
Pharmacy Practice Management and Leadership	PHAR 5011							3			3
Pharmacoepidemiology and Pharmacoeconomics	PHAR 5012							2			2
Public Health	PHAR 5015								2		2
Self-Care and Nonprescription Pharmacotherapy 1, 2	PHAR 5013, 5014							2	2		4
Pharmacotherapy 1, 2	PHAR 569, 570							2	2		4
Pharmacy Law	PHAR 580								2		2
PharmD Capstone: Professional Life After Graduation	PHAR 5018									2	2
<b>Required Didactic</b>		<b>18</b>	<b>17</b>		<b>14.5</b>	<b>16</b>	<b>0</b>	<b>13.5</b>	<b>10</b>	<b>2</b>	<b>91</b>
<b>Elective Didactic</b>								<b>4</b>	<b>7</b>		
<b>Total Didactic</b>		<b>18</b>	<b>17</b>		<b>14.5</b>	<b>16</b>	<b>0</b>	<b>17.5</b>	<b>17</b>	<b>2</b>	<b>102</b>
Introduction to Pharmacy Practice	IPPE 100			1							1
Quality and Safety in Community Practice	IPPE 300						4				4
Quality and Safety in Health-System Practice	IPPE 307						3				3
<b>Required (Introductory)</b>	<b>IPPE</b>	<b>0</b>	<b>0</b>	<b>1</b>			<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
Health-Systems Pharmacy Practice	APPE 401									5	5
Acute Care Medicine	APPE 451									5	5
Community Pharmacy Practice	APPE 453									5	5
Ambulatory Care	APPE 450									5	5
Pharmacy Practice Pinnacle	APPE 499									1	1
Patient Care	APPC									5	5
<b>Required Experiential (Advanced)</b>										<b>26</b>	<b>26</b>
Any Elective	APPC, APEX, APPE									5	5
Patient Care or Pharmacy Practice	APPC, APPE									5	5
<b>Experiential Electives</b>										<b>10</b>	<b>10</b>
<b>Advanced Practice Experience</b>	<b>APPE</b>									<b>36</b>	<b>36</b>
<b>Total Experiential</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>44</b>
<b>Total Credits</b>		<b>18</b>	<b>17</b>	<b>1</b>	<b>14.5</b>	<b>16</b>	<b>7</b>	<b>17.5</b>	<b>17</b>	<b>38</b>	<b>146</b>