First Pre-Professional Year

First Term

Class Name	Class No.	Cred. Hrs.
General Biology I	01:119:115	4
General Chemistry I	01:160:161 & 101	4
Intro Experimentation	01:160:171	1
Expository Writing I	01:355:101	3
Calculus I	01:640:135	4
		16

Second Term

Class Name	Class No.	Cred. Hrs.
General Biology II	01:119:116	4
General Chemistry II	01:160:162 & 102	4
Second College-level Writing Course [1]	__:__:___	3
Pharmacy Convocations	30:725:104	1
Humanities/Soc. Sci. Elective [2]		3
General Biology Lab	01:119:117	2
		17

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College Level Writing Courses[1]

Class Name	Class No.	Class Name	Class No.
Research in the Disciplines	01:355:201	Writing for Biology and Natural Science	01:355:312
Technical Writing Essentials	01:355:202	Writing Grant Proposals	01:355:315
Business Writing Essentials	01:355:203	Science Writing	01:355:342
College Writing and Research	01:355:301	Collaborative Writing Practices	01:355:375
Scientific and Technical Writing	01:355:302	Writing for Business and the Professions	01:355:303

Second Pre-Professional Year

First Term

Class Name	Class No.	Cr.
Organic Chemistry I	01:160:307 or 315	4
Intro. to Microeconomics	01:220:102	3
Elements of Physics	01:750:161	4
Humanities/Soc. Sci. Elective[2]		3
Psychology/Sociology Elective[2]		3
		17

Second Term

Class Name	Class No.	Cr.
Integrated Organ Physiology	30:718:200	3
Organic Chemistry II	01:160:308 or 316	4
Organic Chemistry Lab	01:160:311	2
Basic Statistics for Research	01:960:401	3
Humanities/Soc. Sci. Elective[2]		3
Humanities/Soc. Sci. Elective[2]		3
		18

Review carefully the requirements for entrance into the First Professional (Third) Year of the Program as found on the website for the Pharm.D. Program

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[1] Note that students need to complete *one* of the following courses to satisfy this requirement. Students are counseled that some of the courses noted below have a prerequisite that needs to be completed in addition to either of the courses.

[2] A complete explanation of the rules that govern Humanities / Social Science Elective courses can be found on the Fact Sheet for Humanities Courses.

Pharm.D. Curriculum

First Professional Year

First Term

Class Name	Class No.	Credits	Class Name	Class No.	Credits
			Second Term		
Biochemical Foundations of Pharmaceutical Biotechnology I	30:158:309	3	Biochemical Foundations of Pharmaceutical Biotechnology II	30:158:310	3
Pathophysiology	30:718:304	3	Introduction to Biopharmaceutics & Pharmacokinetics	30:721:430	4
Introduction to Pharmaceutics & Lab	30:721:301	4	Pharmacology and Pharmacogenetics	30:718:320	3
Pharmaceutical Chemistry	30:715:307	2	Drug Delivery and Lab	30:721:320	4
Foundations of Pharmacy Care	30:725:320	4	iPASS I	30:725:321	3
Professional Elective[3]		2	Professional Elective[3]		2
LEAP-Ahead Documentation Portfolio I[6]	30:725:304	0.5	LEAP-Ahead Documentation Portfolio II[6]	30:725:305	0.5
		16-18.5			**17-19.5**

Summer Term

Class Name	Class No.	Cred. Hrs.
Introductory Pharmacy Practice Community Experience	30:725:330	2

Second Professional Year

First Term

Class Name	Class No.	Credits	Class Name	Class No.	Credits
			Second Term		
Pharmaceutical Microbiology	30:158:420	3	Medicinal Chemistry II	30:715:410	3
Medicinal Chemistry I	30:715:409	3	Renal Pharmacotherapy	30:720:445	2
Literature Evaluation and Application	30:725:470	2	Infectious Diseases Pharmacotherapy	30:720:446	4
Pulmonary Pharmacotherapy	30:720:440	2	Sterile Compounding	30:725:489	2
Hematology Pharmacotherapy	30:720:441	1	Pharmacy Practice Management	30:725:308	3
Cardiology Pharmacotherapy	30:720:442	4	iPASS III	30:725:433	2
iPASS II	30:725:432	2	Professional Elective[3]		2
LEAP-Ahead Documentation Portfolio III[6]	30:725:404	0.5	LEAP-Ahead Documentation Portfolio IV[6]	30:725:405	0.5
		17.5			**16.5-18.5**

Summer Term

Class Name	Class No.	Cred. Hrs.
Introductory Pharmacy Practice Hospital/Institutional Experience	30:725:480	2

Third Professional Year[4]

First Term			Second Term		
Class Name	**Class No.**	**Credits**	**Class Name**	**Class No.**	**Credits**
Endocrine and Reproductive Pharmacotherapy	31:720:540	2	Psychiatric and Behavioral Disorders Pharmacotherapy	31:720:545	2
Gastrointestinal, Hepatic and Nutrition Pharmacotherapy	31:720:541	2	Neurology Pharmacotherapy	31:720:546	3
Oncology Pharmacotherapy	31:720:542	3	Immunology, Ocular, and Dermatology Pharmacotherapy	31:720:547	1
Principles of Pharmaceutical Economics	31:725:540	3	Poison Management and Drug Abuse	31:725:515	3
Self Care and Home Care	31:725:550	3	Pharmacy Law and Bioethics	31:725:545	4
iPASS IV	31:725:534	2	iPASS V	31:725:535	2
Professional Elective[3]		2	Professional Elective[3]		2
LEAP-Ahead Documentation Portfolio V[6]	31:725:504	0	LEAP-Ahead Documentation Portfolio VI[6]	31:725:505	0
		15-17			**15-17**

Fourth Professional Year[4]

Summer Term

Class Name	Class No.	Cred. Hrs.
Adv. Practice Experience I[5]	31:725:791	5
Adv. Practice Experience II[5]	31:725:792	5
Adv. Practice Experience III[5]	31:725:793	5
		15

Fall Term			Spring Term		
Class Name	**Class No.**	**Cred. Hrs.**	**Class Name**	**Class No.**	**Cred. Hrs.**
Adv. Practice Experience IV[5]	31:725:794	5	Adv. Practice Experience VII[5]	31:725:797	5
Adv. Practice Experience V[5]	31:725:795	5	Adv. Practice Experience VIII[5]	31:725:798	5
Adv. Practice Experience VI[5]	31:725:796	5	Adv. Practice Experience IX[5]	31:725:799	5
Leap-Ahead Documentation Portfolio[6]	31:725:614	1	Leap-Ahead Documentation Portfolio V[6]	31:725:615	1
			Pharmacy Reflection Seminar II	31:725:617	2
		16			**13**

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[3] Students must complete five professional electives during the six semesters for the first through third professional years. Students in the class of 2018 and later must complete one clinical professional elective.

[4] All curriculum requirements of the first five years must be successfully completed before students may register for any Terminal Year rotations.

[5] Students need to complete at least (8) experiential rotations during the Terminal Year of the Program. Additional rotations may be completed after consultation with the Director of Professional Experience Program. Note Fourth Professional Year begins in the summer following Spring of the Third Professional year.

[6] Work on the portfolio begins during the IPPE courses, continues during APPE courses, and is completed and submitted for grading during the final semester of the P4 year.