



Pharm D Curriculum

First Pre-Professional Year

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
General Biology I	01:119:101	4	General Biology II	01:119:102	4
General Chemistry I	01:160:161	4	General Chemistry II	01:160:162	4
Intro Experimentation	01:160:171	1	Second College-level Writing Course ¹	_____ : _____	3
Expository Writing I	01:355:101	3	Pharmacy Convocations	30:725:104	1
Calculus I	01:640:135	4	Humanities/Soc. Sci. Elective ²		3
			Humanities/Soc. Sci. Elective		3
		16			18

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.

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

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

Second Pre-Professional Year

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
Organic Chemistry I	01:160:307 or 315	4	Systems Physiology	01:146:356	3
Intro. to Microeconomics	01:220:102	3	Organic Chemistry II	01:160:308 or 316	4
Elements of Physics	01:750:161	4	Organic Chemistry Lab	01:160:311	2
Humanities/Soc. Sci. Elective		3	Basic Statistics for Research	01:960:401	3
Psychology/Sociology Elective		3	Humanities/Soc. Sci. Elective		3
			Humanities/Soc. Sci. Elective		3
		17			18

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

First Professional Year

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
Introductory Biochemistry and Molecular Biology	01:694:301	3	Molecular Biology and Pharmaceutical Biotechnology	30:158:315	3
Pathophysiology	30:718:304	3	Pharmaceutical Chemistry	30:715:306	3
Intro. to Pharmaceutics	30:721:301	3	Introduction to Pharmacology	30:718:320	3
Pharmacy Practice Management	30:725:308	3	Drug Delivery I and Lab	30:721:320	3
Intro. to Pharmaceutical Care	30:725:320	4	Principles of Pharmaceutical Economics	30:725:340	3
Professional Elective 1	30:_____ : _____	2	Concepts in Pharmacy Practice	30:725:329	1
			Professional Elective 2	30:_____ : _____	2
		18			18

Summer Term

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

(over please)

Second Professional Year

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
Pharmaceutical Microbiology	30:158:420	3	Medicinal Chemistry II	30:715:410	3
Medicinal Chemistry I	30:715:409	3	Pharmacology II	30:718:406	2
Drug Information and Literature Evaluation	30:725:470	3	Introduction to Biopharmaceutics & Pharmacokinetics	30:721:430	3
Drug Delivery II and Lab	30:721:420	3	Poison Management & Drug Abuse	30:725:415	3
Cardiopulmonary Therapeutics	30:725:460	3	Infectious Disease Therapeutics	30:725:475	3
Pharmacology I	30:718:405	3	Professional Elective 3	3 : : ____	2
		<u>18</u>			<u>17</u>

<i>Summer Term</i>		
Class Name	Class No.	Cred. Hrs.
Intermediate Practice Experience	30:725:480	2

Third Professional Year

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
Clinical Pharmacokinetics	31:725:555	4	Pharmacy Law & Bioethics	31:725:545	4
Clinical Immunology / Hematology / Oncology Therapeutics	31:725:560	3	Endocrine Therapy & Special Patient Populations	31:725:590	3
Renal / GI / Nutrition Therapy	31:725:565	3	Pharmacy Communications II	31:725:587	2
Physical Assessment	31:725:570	2	Self Care and Home Care	31:725:550	4
Pharmacy Communications I	31:725:585	2	Neuropsychiatric Therapeutics	31:725:595	3
Professional Elective 4	3 : : ____	2	Professional Elective 5	3 : : ____	2
		<u>16</u>			<u>18</u>

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

Students need to complete at least seven (7) experiential rotations during the Terminal Year of the Program. Additional rotations may be completed after consultation with the Vice-Chair of Experiential Programs. Note Fourth Professional Year begins in the summer following Spring of the Third Professional year (see below).

Fourth Professional Year

<i>Summer Session</i>		
Class Name	Class No.	Cred. Hrs.
Adv. Practice Experience I	31:725:791	5
Adv. Practice Experience II	31:725:792	5
Adv. Practice Experience III	31:725:793	5
		<u>15</u>

<i>First Term</i>			<i>Second Term</i>		
Class Name	Class No.	Cred. Hrs.	Class Name	Class No.	Cred. Hrs.
Adv. Practice Experience IV	31:725:794	5	Adv. Practice Experience VII	31:725:797	5
Adv. Practice Experience V	31:725:795	5	Adv. Practice Experience VIII	31:725:798	5
Adv. Practice Experience VI	31:725:796	5	Adv. Practice Experience IX	31:725:799	5
		<u>15</u>	Student Portfolio	31:725:xxx	2
					<u>17</u>