

DRAKE UNIVERSITY
Programs of Study
Doctor of Pharmacy (PharmD)

First Year

FALL			SPRING		
BIO 012/L	Pre-professional Biology I & Lab (LIFE AOI)	4 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
CHEM 001/3	General Chemistry I & Lab (PHSC AOI)	4 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
ELEC ---	Drake Curriculum/General Electives	3 CR	HSCI 141/L	Human Anatomy/Lab	4 CR
FYS	First Year Seminar	3 CR	MATH 050	Calculus I	3 CR
INTD 025	Bulldog Foundations	1 CR	PHAR 031	CAPS II (Career, Academic & Professional Success)	0.5 CR
PHAR 011	CAPS I (Career, Academic & Professional Success)	0.5 CR			
Semester Total Credit Hours		15.5	Semester Total Credit Hours		14.5

Second Year

FALL			SPRING		
BIO 095	Medical Microbiology	3 CR	CHEM 108/10	Organic Chemistry II & Lab	4 CR
CHEM 097/98	Org Chem/Lab I OR PHY 011 OR BIO 103/L ⁵	4 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
ELEC ---	Drake Curriculum/Gen Elec. (WRIT AOI)	3 CR	PHAR 071	CAPS IV (Career, Academic & Professional Success)	0.5 CR
ELEC ---	Drake Curriculum/General Electives	6 CR	SCSR 073	Public Speaking (CITZ AOI)	3 CR
PHAR 051	CAPS III (Career, Academic & Professional Success)	0.5 CR	STAT 060	Stats for Life Sciences (OR HSCI 060) (CRIT AOI)	3 CR
Semester Total Credit Hours		16.5	Semester Total Credit Hours		16.5

Doctor of Pharmacy 1

FALL			SPRING		
ELEC ---	Drake Curriculum/General Electives	3 CR	PHAR 123	Continuing Professional Development (CPD) II	1 CR
PHAR 122	Continuing Professional Development (CPD) I	1 CR	PHAR 132	Pathophysiology	4 CR
PHAR 125	Physiology	4 CR	PHAR 133	Principles of Drug Action I	5 CR
PHAR 130	Biochemistry	4 CR	PHAR 138	Pharmaceutical Calculations	2 CR
PHAR 131	Intro to Pharm Science	3 CR	PHAR 140	Pharmaceutics I	2 CR
PHAR 144	Basic Pharmacy Skills & Applications 1	2 CR	PHAR 145	Basic Pharmacy Skills & Applications 2	2 CR
PHAR 171	Health Care Systems and Policies	3 CR			
Semester Total Credit Hours		17	Semester Total Credit Hours		19

Doctor of Pharmacy 2

FALL			SPRING		
PHAR 134	Principles of Drug Action II	5 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 141	Pharmaceutics II	3 CR	PHAR 135	Principles of Drug Action III	4 CR
PHAR 142	Kinetics	3 CR	PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 149	Immunizations	1 CR	PHAR 155	Intermediate Pharmacy Skills & Applications II	2 CR
PHAR 154	Intermediate Pharmacy Skills & Applications I	2 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	PHAR 169	Nonprescription Therapies	3 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 190	Therapeutics I	3 CR
Semester Total Credit Hours		18.5	Semester Total Credit Hours		18.5

Doctor of Pharmacy 3					
FALL			SPRING		
ELEC ---	Pharmacy Professional Electives	3 CR	ELEC ---	Pharmacy Professional Electives	2 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	PHAR 162	Pharmacy Law & Ethics	3 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 173	Applied Social and Administrative Pharmacy	3 CR
PHAR 175	Continuing Professional Development (CPD) V	2 CR	PHAR 176	Continuing Professional Development (CPD) VI	2 CR
PHAR 184	Advanced Pharmacy Skills & Applications I	2 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR
PHAR 191	Therapeutics II	5 CR	PHAR 192	Therapeutics III	5 CR
Semester Total Credit Hours		18	Semester Total Credit Hours		17
Doctor of Pharmacy 4 (12 months/May through May)					
FALL			SPRING		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
Semester Total Credit Hours		22	Semester Total Credit Hours		18
Total Program Hours: 211					

Program Notes:

P1 students are required to complete 40 hours of IPPE for Hospital/Institutional Practice I during the summer between the P1 and P2 years, and complete 80 hours of IPPE for Community Practice II during the summer between the P2 & P3 year.

General Education Electives: Students complete the Drake Curriculum requirements and other credits for a total of 27 credits. Area of Inquiry (AOI) courses that count towards this requirement include: Historical Foundations (2 courses), Artistic Experience, and Global and Cultural Understanding.

Professional Electives: Five (5) credits are required and completed during the professional program. P1 students entering Fall 2019 and prior were required to complete six (6) credits P-EL credits.

Professional Electives Policy: Core curricula of CPHS degree programs may require professional elective courses that permit exploration of and/or advanced study in areas of professional interest within the student's primary degree. Professional electives provide the student with an opportunity to not only pursue areas of intellectual interest, but also to develop an individual "brand" that may benefit them in their professional or academic future. Students who desire to have a non-approved electives count toward professional elective credit should apply for an exception to program policy prior to taking the course whenever possible. Professional electives must be taken for a grade unless the course is designed as credit/no credit. Students should refer to their degree audit for determination of the total number of required professional electives. Students should review the **student handbook** for the complete professional elective policy and details specific to their degree program.