

Doctor of Pharmacy

Curriculum Guide

First Year

Fall Semester

BIO 012/L	Pre-Professional Biology I & Lab (<i>SCI AOI</i>)	4 CR
CHEM 001/3	General Chemistry I & Lab	4 CR
ELEC ---	Drake Curriculum/General Electives	3 CR
FYS	First Year Seminar	3 CR
PHAR 011	CAPS I (Career, Academic, & Professional Success)	1 CR

Total Semester Credit Hours

15

Spring Semester

CHEM 002/4	General Chemistry II & Lab	4 CR
ELEC ---	Drake Curriculum/General Electives	3 CR
HSCI 141/L	Human Anatomy/Lab	4 CR
MATH 050	Calculus I (<i>QUAN AOI</i>)	3 CR
PHAR 031	CAPS II (Career, Academic, & Professional Success)	1 CR

Total Semester Credit Hours

15

Second Year

Fall Semester

BIO 095	Medical Microbiology	3 CR
CHEM 097/098	Organic Chemistry I & Lab	4 CR
ELEC ---	Drake Curriculum/General Elective	6 CR
ELEC ---	Drake Curriculum/General Elective (<i>WRIT AOI</i>)	3 CR
PHAR 051	CAPS III (Career, Academic, & Professional Success)	0.5 CR

Total Semester Credit Hours

16.5

Spring Semester

CHEM 108/110	Organic Chemistry II & Lab	4 CR
ELEC ---	Drake Curriculum/General Electives	6 CR
ENG 063	Professional Communication	3 CR
PHAR 071	CAPS IV (Career, Academic, & Professional Success)	0.5 CR
HSCI 060	Statistics in Health Sciences	3 CR

Total Semester Credit Hours

16.5

Doctor of Pharmacy 1

Fall Semester

ELEC ---	Drake Curriculum/General Electives	2 CR
PHAR 122	Continuing Professional Development (CPD) I	1 CR
PHAR 125	Physiology	4 CR
PHAR 130	Biochemistry	4 CR
PHAR 131	Intro to Pharm Sciences	3 CR
PHAR 144	Basic Pharmacy Skills & Applications I	2 CR
PHAR 149	Immunizations	1 CR

Total Semester Credit Hours

17

Spring Semester

PHAR 123	Continuing Professional Development (CPD) II	1 CR
PHAR 132	Pathophysiology	4 CR
PHAR 133	Principles of Drug Action I	5 CR
PHAR 138	Pharmaceutical Calculations	2 CR
PHAR 140	Pharmaceutics I	2 CR
PHAR 145	Basic Pharmacy Skills & Applications II (<i>INFO AOI</i>)	2 CR
PHAR 171	Health Care Systems and Policies (<i>CITZ AOI</i>)	3 CR

Total Semester Credit Hours

19

Doctor of Pharmacy 2

Fall Semester

PHAR 134	Principles of Drug Action II	5 CR
PHAR 141	Pharmaceutics II	3 CR
PHAR 142	Kinetics	3 CR
PHAR 154	Intermediate Pharmacy Skills and Applications I	2 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR
PHAR 172	Literature Evaluation Methods	3 CR

Total Semester Credit Hours

17.5

Spring Semester

ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 135	Principles of Drug Action III	4 CR
PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 155	Intermediate Pharmacy Skills and Applications II	2 CR
PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 169	Self-Care and Non-Prescription Products	3 CR
PHAR 190	Therapeutics I	3 CR

Total Semester Credit Hours

18.5

Doctor of Pharmacy 3					
Fall Semester			Spring Semester		
ELEC ---	Pharmacy Professional Elective	3 CR	ELEC ---	Pharmacy Professional Elective	2 CR
ELEC ---	Drake Curriculum/General Elective	3 CR	PHAR 162	Pharmacy Law & Ethics (<i>VE AOI</i>)	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 (<i>Equity & Inclusion</i>)	2 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR
PHAR 191	Therapeutics II	5 CR	PHAR 192	Therapeutics III	5 CR
Total Semester Credit Hours		18	Total Semester Credit Hours		17
Doctor of Pharmacy 4 (12 months/May through May)					
Fall Semester			Spring Semester		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
PHAR 177	Continuing Professional Development (CPD) VII	0.5 CR	PHAR 177	Continuing Professional Development (CPD) VII	1 CR
Total Semester Credit Hours		22.5	Total Semester Credit Hours		19
Total Program Hours: 211.5					

Program Notes:

P1 students are required to complete 80 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 III during the summer between the P2 & P3 year.

General Education Electives: Students who do not meet the General Education Articulation Agreement must complete the [Drake Curriculum](#) general education requirements (Areas of Inquiry) and other general elective credits for a total of 26 credits. Area of Inquiry (AOI) courses not fulfilled by curricular requirements are: Artistic Literacy, Global and Cultural Understanding, and Historical Foundations (9 credits).

Pharmacy Professional Electives: Five (5) credits are required and completed during the professional program.

Professional Electives Policy: 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. Professional electives should (a) expand upon information presented in the standard curriculum, (b) introduce new information that is relevant to the field of study, (c) or prepare the student for graduate study. Professional electives must be CPHS-labeled courses, those indicated on approved curriculum guides, or courses otherwise approved by the College’s Academic Affairs Committee (AAC). Any professional elective must be numbered 100-level or higher for graduate and doctoral-level programs. Other courses (even if taught by CPHS faculty) are not considered professional electives except with an approved Exception to Program Policy (request form available on the CPHS Forms Library). Students should review the [student handbook](#) for the complete professional elective policy.