

Doctor of Pharmacy

Curriculum Guide

First Year					
Fall Semester			Spring Semester		
BIO 012/L	Pre-Professional Biology I & Lab (<i>SCI AOI</i>)	4 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
CHEM 001/3	General Chemistry I & Lab	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 (<i>QUAN AOI</i>)	3 CR
PHAR 011	CAPS I (Career, Academic, & Professional Success)	1 CR	PHAR 031	CAPS II (Career, Academic, & Professional Success)	1 CR
Total Semester Credit Hours		15	Total Semester Credit Hours		15
Second Year					
Fall Semester			Spring Semester		
BIO 095	Medical Microbiology	3 CR	CHEM 108/110	Organic Chemistry II & Lab	4 CR
CHEM 097/098	Organic Chemistry I & Lab	4 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
ELEC ---	Drake Curriculum/General Elective	6 CR	ENG 052	Public Voices (<i>CITZ AOI</i>)	3 CR
ELEC ---	Drake Curriculum/General Elective (<i>WRIT AOI</i>)	3 CR	PHAR 071	CAPS IV (Career, Academic, & Professional Success)	0.5 CR
PHAR 051	CAPS III (Career, Academic, & Professional Success)	0.5 CR	HSCI 060	Statistics in Health Sciences	3 CR
Total Semester Credit Hours		16.5	Total Semester Credit Hours		16.5
Doctor of Pharmacy 1					
Fall Semester			Spring Semester		
ELEC ---	Drake Curriculum/General Electives	2 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 Sciences	3 CR	PHAR 140	Pharmaceutics I	2 CR
PHAR 144	Basic Pharmacy Skills & Applications I	2 CR	PHAR 145	Basic Pharmacy Skills & Applications II (<i>INFO AOI</i>)	2 CR
PHAR 149	Immunizations	1 CR	PHAR 171	Health Care Systems and Policies	3 CR
Total Semester Credit Hours		17	Total Semester Credit Hours		19
Doctor of Pharmacy 2					
Fall Semester			Spring Semester		
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 154	Intermediate Pharmacy Skills and Applications I	2 CR	PHAR 155	Intermediate Pharmacy Skills and Applications II	2 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 169	Self-Care and Non-Prescription Products	3 CR
Total Semester Credit Hours		17.5	Total Semester Credit Hours		18.5

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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 VII	0.5 CR	PHAR 177	Continuing Professional Development 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.