

**DRAKE UNIVERSITY**  
**Programs of Study**  
**Doctor of Pharmacy (PharmD)**

<b>First Year</b>					
<b>FALL</b>			<b>SPRING</b>		
CHEM 001/3	General Chemistry I & Lab (PHSC AOI)	4 CR	PHAR 031	CAPS II (Career, Academic & Professional Success)	0.5 CR
FYS	First Year Seminar	3 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
BIO 012/L	Pre-professional Biology I & Lab (LIFE AOI)	4 CR	BIO 013/L	Pre-Professional Biology II & Lab	4 CR
PHAR 011	CAPS I (Career, Academic & Professional Success)	0.5 CR	ELEC	Drake Curriculum/General Electives	3 CR
ELEC ---	Drake Curriculum/General Electives	3 CR	MATH 050	Calculus I	4 CR
<b>Semester Total Credit Hours</b>		<b>14.5</b>	<b>Semester Total Credit Hours</b>		<b>15.5</b>
<b>Second Year</b>					
<b>FALL</b>			<b>SPRING</b>		
ELEC ---	Drake Curriculum/Gen Elec. (WRIT AOI)	3 CR	STAT 060	Stats for Life Sciences (OR HSCI 060) (CRIT AOI)	3 CR
CHEM 097/98	Organic Chemistry I & Lab	4 CR	PHAR 071	CAPS IV (Career, Academic & Professional Success)	0.5 CR
ELEC	Drake Curriculum/General Electives	6 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
PHAR 051	CAPS III (Career, Academic & Professional Success)	0.5 CR	SCSR 073	Public Speaking (CITZ AOI)	3 CR
BIO 095	Medical Microbiology	3 CR	CHEM 108/10	Organic Chemistry II & Lab	4 CR
<b>Semester Total Credit Hours</b>		<b>16.5</b>	<b>Semester Total Credit Hours</b>		<b>16.5</b>
<b>Doctor of Pharmacy 1</b>					
<b>FALL</b>			<b>SPRING</b>		
PHAR 130	Biochemistry	4 CR	PHAR 145	Basic Pharmacy Skills & Applications 2	2 CR
PHAR 131	Intro to Pharm Science	3 CR	PHAR 123	Continuing Professional Development (CPD) II	1 CR
ELEC ---	Drake Curriculum/General Electives	3 CR	PHAR 140	Pharmaceutics I	2 CR
PHAR 144	Basic Pharmacy Skills & Applications 1	2 CR	PHAR 132	Pathophysiology	4 CR
PHAR 125	Physiology	4 CR	PHAR 133	Principles of Drug Action I	5 CR
PHAR 122	Continuing Professional Development (CPD) I	1 CR	PHAR 171	Social and Administrative Pharmacy	3 CR
			PHAR 138	Pharmaceutical Calculations	2 CR
<b>Semester Total Credit Hours</b>		<b>17</b>	<b>Semester Total Credit Hours</b>		<b>19</b>
<b>Doctor of Pharmacy 2</b>					
<b>FALL</b>			<b>SPRING</b>		
ELEC ---	Pharmacy Professional Elective	1 CR	PHAR 169	Nonprescription Therapies	3 CR
PHAR 134	Principles of Drug Action II	5 CR	PHAR 155	Intermediate Pharmacy Skills & Applications II	2 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 142	Kinetics	3 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 141	Pharmaceutics II	3 CR	PHAR 190	Therapeutics I	3 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 154	Intermediate Pharmacy Skills & Applications I	2 CR	PHAR 135	Principles of Drug Action III	4 CR
<b>Semester Total Credit Hours</b>		<b>18.5</b>	<b>Semester Total Credit Hours</b>		<b>18.5</b>
<b>Doctor of Pharmacy 3</b>					
<b>FALL</b>			<b>SPRING</b>		

PHAR 174	Management in Pharmacy	3 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR
ELEC ---	Pharmacy Professional Electives	3 CR	PHAR 192	Therapeutics III	5 CR
PHAR 191	Therapeutics II	4 CR	PHAR 176	Continuing Professional Development (CPD) VI	2 CR
PHAR 175	Continuing Professional Development (CPD) V	2 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 162	Pharmacy Law & Ethics	3 CR	PHAR 173	Applied Social and Administrative Pharmacy	3 CR
PHAR 184	Advanced Pharmacy Skills & Applications I	2 CR	ELEC ---	Pharmacy Professional Electives	2 CR
<b>Semester Total Credit Hours</b>		<b>17</b>	<b>Semester Total Credit Hours</b>		<b>17</b>
<b>Doctor of Pharmacy 4 (12 months/May through May)</b>					
<b>FALL</b>			<b>SPRING</b>		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
<b>Semester Total Credit Hours</b>		<b>22</b>	<b>Semester Total Credit Hours</b>		<b>18</b>
<b>Total Program Hours: 210</b>					

**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 30 credits. Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

**Professional Electives:** Six credits are required and completed during the professional program.