

Doctor of Pharmacy/Master of Science in Leadership (MSL)

Curriculum Guide

First Year

Fall Semester

BIO 012/L	Pre-Professional Biology I & Lab (<i>LIFE AOI</i>)	4 CR
CHEM 001/3	General Chemistry I & Lab (<i>PHSC AOI</i>)	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	Org Chem/Lab I	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 052	Public Voices (<i>CITZ AOI</i>)	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 Science	3 CR
PHAR 144	Basic Pharmacy Skills & Applications 1	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 2 (<i>INFO AOI</i>)	2 CR
PHAR 171	Health Care Systems and Policies	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
LEAD 202	MSL Course	3 CR

Total Semester Credit Hours

20.5

Spring Semester

LEAD 203	MSL Course	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

Summer Semester					
LEAD 205	MSL Course	3 CR			
LEAD 206	MSL Course	3 CR			
Total Semester Credit Hours		6			
Doctor of Pharmacy 3					
Fall Semester		Spring Semester			
LEAD 207	MSL Course	3 CR			
LEAD 208	MSL Course	3 CR			
PHAR 174	Management in Pharmacy	3 CR			
PHAR 175	Continuing Professional Development (CPD) V	2 CR			
PHAR 184	Advanced Pharmacy Skills & Applications I (EI REQ)	2 CR			
PHAR 191	Therapeutics II	5 CR			
Total Semester Credit Hours		18			
		LEAD 204	MSL Course	3 CR	
		PHAR 162	Pharmacy Law & Ethics (VE AOI)	3 CR	
		PHAR 173	Applied Social and Administrative Pharmacy	3 CR	
		PHAR 176	Continuing Professional Development (CPD) VI	2 CR	
		PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR	
		PHAR 192	Therapeutics III	5 CR	
		Total Semester Credit Hours		18	
Doctor of Pharmacy 4 (12 months/May through May)					
Fall Semester		Spring Semester			
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
Total Semester Credit Hours		22	Total Semester Credit Hours		18
Total Program Hours: 220					

Program Notes:

- PHAR 174 substituted for LEAD 201
- PHAR 172 substituted for LEAD 209
- PHAR 173 substituted for LEAD 210

A total of 210 credits are required to complete the pharmacy degree. Five (5) professional elective credits are satisfied by MSL coursework.

**Because the P2 fall curriculum requires students to register for more than 18 credit hours, a [Credit Overload Request Form](#) must be submitted. Students are eligible for a 2.5 credit overload fee waiver, and CPHS will submit the request to the Provost's Office for final approval.

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.

Students will typically apply for admission to the MSL program during the spring of the P1 year. Additional information can be obtained at the following website: <http://www.drake.edu/leadership/>. The admission process and criteria are listed on the MSL program website: <http://www.drake.edu/soe/admission/>.