

Doctor of Pharmacy/Master of Public Health

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	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 & 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

DMU MPH 6--	MPH COURSE (see course list)	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					
DMU MPH 6-- MPH COURSE (see course list)		3 CR			
Total Semester Credit Hours		3			
Doctor of Pharmacy 3					
Fall Semester			Spring Semester		
DMU MPH 6-- MPH COURSE (see course list)		6 CR	DMU MPH 6-- MPH COURSE (see course list)		3 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 162	Pharmacy Law & Ethics <i>(VE AOI)</i>	3 CR
PHAR 175	Continuing Professional Development (CPD) V	2 CR	PHAR 173	Applied Social and Administrative Pharmacy	3 CR
PHAR 184	Advanced Pharmacy Skills & Applications I <i>(EI REQ)</i>	2 CR	PHAR 176	Continuing Professional Development (CPD) VI	2 CR
PHAR 191	Therapeutics II	5 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR
			PHAR 192	Therapeutics III	5 CR
Total Semester Credit Hours		18	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
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
Summer Semester					
DMU MPH 6-- MPH COURSE (see course list)		12 CR			
Total Semester Credit Hours		12			
Total Program Hours: 227.5					

Program Notes:

A total of 211.5 credits are required to complete the pharmacy degree. Five (5) professional elective credits are satisfied by DMU MPH course work.

Students will typically apply for admission to the MPH program during the fall of the P2 year or after completion of 116 credits. The admission process and criteria are listed on the DMU MPH program web site: <http://www.dmu.edu/mph/>. PharmD students are also required to include a letter of support from the Drake University CPHS Student Affairs Office or their faculty mentor.

MPH Courses fulfilled by the PharmD course work (credit given following the completion of the PharmD degree):

- MPH 657 – Survey of Human Health – 3 credits
- Electives – PHAR 171 and PHAR 172 will be transferred in upon successful completion to meet 6 hours of elective credit for the MPH degree.
- MPH 658 – Internship: PHAR 285 (Clinical Rotations) can be taken as the MPH internship (all MPH internship requirements must be met and the site and preceptor approved by the DMU internship coordinator) Note – students must have completed or received credit for 24 credit hours of their MPH program of study to be eligible to take the MPH internship.

Students may enroll in additional summer coursework while taking their PharmD and may complete final MPH courses after PharmD completion. A 7-year time limit for completing the MPH degree from the date of admission to the MPH program.

Students completing DMU course work are responsible for paying tuition for the MPH courses they take at DMU.

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.