

DRAKE UNIVERSITY
Programs of Study
Doctor of Pharmacy (PharmD) / Masters in Public Health (MPH)

First Year

FALL			SPRING		
BIO 012/L	Pre-professional Biology I & Lab (LIFE AOI)	4 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
CHEM 001/3	General Chemistry I & Lab (PHSC AOI)	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	3 CR
INTD 025	Bulldog Foundations	1 CR	PHAR 031	CAPS II (Career, Academic & Professional Success)	0.5 CR
PHAR 011	CAPS I (Career, Academic & Professional Success)	0.5 CR			
Semester Total Credit Hours		15.5	Semester Total Credit Hours		14.5

Second Year

FALL			SPRING		
BIO 095	Medical Microbiology	3 CR	CHEM 108/10	Organic Chemistry II & Lab	4 CR
CHEM 097/98	Org Chem/Lab I OR PHY 011 OR BIO 103/L ⁵	4 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
ELEC ---	Drake Curriculum/Gen Elec. (WRIT AOI)	3 CR	PHAR 071	CAPS IV (Career, Academic & Professional Success)	0.5 CR
ELEC ---	Drake Curriculum/General Electives	6 CR	SCSR 073	Public Speaking (CITZ AOI)	3 CR
PHAR 051	CAPS III (Career, Academic & Professional Success)	0.5 CR	STAT 060	Stats for Life Sciences (OR HSCI 060) (CRIT AOI)	3 CR
Semester Total Credit Hours		16.5	Semester Total Credit Hours		16.5

Doctor of Pharmacy 1

FALL			SPRING		
ELEC ---	Drake Curriculum/General Electives	3 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 Science	3 CR	PHAR 140	Pharmaceutics I	2 CR
PHAR 144	Basic Pharmacy Skills & Applications 1	2 CR	PHAR 145	Basic Pharmacy Skills & Applications 2	2 CR
			PHAR 171	Health Care Systems and Policies	3 CR
Semester Total Credit Hours		17	Semester Total Credit Hours		19

Doctor of Pharmacy 2

FALL			SPRING		
PHAR 134	Principles of Drug Action II	5 CR	DMU MPH 6--	MPH COURSE (see course list below)	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 149	Immunizations	1 CR	PHAR 155	Intermediate Pharmacy Skills & Applications II	2 CR
PHAR 154	Intermediate Pharmacy Skills & Applications I	2 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	PHAR 169	Nonprescription Therapies	3 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 190	Therapeutics I	3 CR
Semester Total Credit Hours		18.5	Semester Total Credit Hours		18.5

SUMMER			
DMU MPH 6--	MPH COURSE (see course list below)	3 CR	
Semester Total Credit Hours		3	
Doctor of Pharmacy 3			
FALL			SPRING
DMU MPH 6--	MPH COURSE (see course list below)	6 CR	DMU MPH 6-- MPH COURSE (see course list below) 3 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 162 Pharmacy Law & Ethics 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	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
Semester Total Credit Hours		18	Semester Total Credit Hours 18
Doctor of Pharmacy 4 (12 months/May through May)			
FALL			SPRING
PHAR 285	Rotations	22 CR	PHAR 285 Rotations 18 CR
Semester Total Credit Hours		22	Semester Total Credit Hours 18
SUMMER			
DMU MPH 2--	** See MPH Course List	12 CR	
Semester Total Credit Hours		12	
Total Program Hours: 227			

Program Notes:

Professional electives required by the PharmD program (5 credit hours) will be fulfilled by DMU MPH course work. P1 students entering Fall 2019 and prior were required to complete six (6) credits P-EL credits.

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/mp/>. PharmD students are also required to include a letter of support from the Drake University CPHS Dean's Office or their academic advisor. PharmD students who have completed the PCAT are not required to complete the GRE.

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.

**** Des Moines University MPH Course List**

Core Courses

MPH 620: Introduction to Graduate School & MPH Program - 1 cr.

MPH 621: Overview of the U.S. Health Care System - 3 cr.

MPH 650: Basic Statistics & Research - 3 cr.

MPH 653: Public Health Administration & Management - 3 cr.

MPH 655: Epidemiology - 3 cr.

*MPH 657:: Survey of Human Health & Disease (Satisfied with completion of PharmD degree) - 3 cr.

MPH 671: Community Research Methods - 3 cr.

MPH 625: Health Care Financial Management I - 3 cr.

MPH 651: Occupational & Environmental Health - 3 cr.

MPH 652: Public Health Law, Ethics and Policy - 3 cr.

MPH 654: Social & Behavioral Sciences - 3 cr.

MPH 645: Community Health Program Planning and Evaluation - 3 cr.

*MPH 658: Public Health Internship (With permission of MPH Internship Coordinator, may be satisfied with PHAR 285 rotation - 3 cr.

MPH 660: Public Health Capstone - 2 cr.

Total Semester Hours of Core Courses: 39 cr.

(*if MPH 620 Orientation was completed for 0 credits, core credits are 38)

Elective Courses

*PHAR 171 Elective (Social and Administrative Pharmacy) - May be transferred in as elective credit) - 3 cr.

*PHAR 172 Elective (Literature Evaluation Methods) - May be transferred in as elective credit - 3 cr.

Total Semester Hours of Electives: 6 cr.

TOTAL SEMESTER HOURS: 45 cr.

All MPH courses are offered online at least once/year.

Council on Education for Public Health accreditation:

The master of public health program at Des Moines University holds programmatic accreditation through the Council on Education for Public Health. This programmatic accreditation is above and beyond the University's accreditation through NCA, and shows a commitment to providing the highest quality education and adhering to the highest standards for operating a M.P.H. program. CEPH requires that accredited programs emphasize three areas equally: teaching, research and service.

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.