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

FALL   BIO 012/L   Pre-professional Biology I & Lab (LIFE AOI)   4 CR   CHEM 001/3   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 001/3   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 001/3   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 001/3   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 002/4   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 002/4   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 002/4   General Chemistry I & Lab (PHSC AOI)   4 CR   CHEM 002/4   General Chemistry I & Lab (PHSC I 341/L   Human Anatomy/Lab   Calculus I INTO 025   Bulldog Foundations   1 CR   PHAR 031   CAPS II (Career, Academic & Professional Success)   5 Caps II (Career, Academic & Professional Success)   5 Caps II (Career, Academic & Professional O.5 CR   Semester Total Credit Hours   Security   The Chemistry II & Lab   CHEM 097/98   Org Chem/Lab I OR PHY 011 OR BIO 103/L <sup>5</sup> 4 CR   CHEM 097/98   Org Chem/Lab I OR PHY 011 OR BIO 103/L <sup>5</sup> 4 CR   CHEM 097/98   Org Chem/Lab I OR PHY 011 OR BIO 103/L <sup>5</sup> 4 CR   CHEM 108/10   Organic Chemistry II & Lab   CHEM 097/98   Org Chem/Lab I OR PHY 011 OR BIO 103/L <sup>5</sup> 4 CR   CHEM 108/10   Organic Chemistry II & Lab   CHEM 108/10   Organic Chemistry II & Lab	
CHEM 001/3 General Chemistry I & Lab (PHSC AOI) 4 CR   ELEC   Drake Curriculum/General Electives   3 CR   HSCI 141/L   Human Anatomy/Lab   FYS   First Year Seminar   3 CR   MATH 050   Calculus II   FYS   First Year Seminar   3 CR   MATH 050   Calculus II   FYS   Carper, Academic & Professional   0.5 CR   Success)   Semester Total   Credit Hours    Semester Total   Credit Hours   15.5    Semester Total   Credit Hours   15.5    FALL   BIO 095   Medical Microbiology   3 CR   ELEC   Drake Curriculum/General Electives   6 CR   ELEC   Drake Curriculum/General Electives   6 CR   FHAR 051   CAPS III (Career, Academic & Professional   0.5 CR   Success)   Semester Total   Caps III (Career, Academic & Professional   0.5 CR   Success)   Semester Total   Caps III (Career, Academic & Professional   0.5 CR   Success)   Success)   SCSR 073   FHAR 051   CAPS III (Career, Academic & Professional   0.5 CR   Success)   SCSR 073   Public Speaking (CITZ AOI)   Semester Total Credit Hours   Stats for Life Sciences (OR HSCI 060 AOI)   Semester Total Credit Hours   SPRING   Semester Total Credit Hours   SPRING   FALL   ELEC   Drake Curriculum/General Electives   3 CR   PHAR 132   Continuing Professional Development   FALL   ELEC   Drake Curriculum/General Electives   3 CR   PHAR 132   Pharmacy III   FALL   ELEC   Drake Curriculum/General Electives   3 CR   PHAR 132   Pharmacy III   FALL   ELEC   Drake Curriculum/General Electives   3 CR   PHAR 132   Pharmacy III   FALL	
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PHAR 154 Intermediate Pharmacy Skills & Applications I 2 CR	2 C
PHAR 154 Intermediate Pharmacy Skills & Applications 1.2 CR	
II	ations 2 C
PHAR 167 Continuing Professional Development (CPD) 1.5 CR PHAR 168 Continuing Professional Developmen	ations 2 C
PHAR 172 Literature Evaluation Methods 3 CR PHAR 169 Nonprescription Therapies	
PHAR 172 Elterature Evaluation Metrious 3 CR   PHAR 190 Therapeutics I	
Semester Total Credit Hours  18.5  Semester Total Credit Hours	(CPD) 1.5

SUMMER							
DMU MPH 6	MPH COURSE (see course list below)	3 CR					
Semester Total Credit Hours		3					
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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)	2 CR		
PHAR 191	Therapeutics II	5 CR		VI			
			PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR		
Semester Total Credit Hours		18	PHAR 192	Therapeutics III	5 CR		
			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		22	Semester Total Credit Hours		18		
SUMMER							
DMU MPH 2	** See MPH Course List	12 CR					
Semester Total Credit Hours 12		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/mph/. 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.

 $\label{lem:mph} \mbox{MPH Courses fulfilled by the PharmD course work (credit given following the completion of the PharmD degree):}$ 

- 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.

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** Des Moines University MPH Course List
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Core Courses

MPH 620: Introduction to Graduae 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.