

DRAKE UNIVERSITY
Programs of Study
PharmD/MSLD

PROGRAM OVERVIEW

Designed to maximize graduates' development of their leadership strengths, the PharmD/MSLD allows students the opportunity to complete MSLD course work in place of elective course work within the pharmacy curriculum. Students begin at Drake in pharmacy and apply to the School of Education during their first professional year.

Graduates of this program will also learn about opportunities for developing leadership capacity in others, making this an excellent pathway for pharmacy students interested in pursuing management roles, positions of leadership, or academic careers. Graduates can expect to master relational competencies including effective communication, inspiring and involving others, intercultural intelligence, and interpersonal relationships.

This dual degree option prepares pharmacy students for successful careers in a variety of health care and academic settings.

Students who pursue this program should expect to master competencies that include adaptability, critical thinking and decision making, integrity and ethics, professionalism and strategic thinking.

CPHS Pharmacy Outcomes

The purpose of the pharmacy professional program is to provide the graduate with the relevant knowledge base, skills, attitudes, ethics and values to engage in the entry-level practice of pharmacy. The curriculum is designed to provide the graduate with competence in the following areas established by the Center for the Advancement of Pharmaceutical Education (CAPE):

- 1.1. Learner (Learner)
- 2.1. Patient-centered care (Caregiver)
- 2.2. Medication use systems management (Manager)
- 2.3. Health and wellness (Promoter)
- 2.4. Population-based care (Provider)
- 3.1 Problem Solving (Problem Solver)
- 3.2. Educator (Educator)
- 3.3. patient Advocacy (Advocate)
- 3.4. Interprofessional Collaboration (Collaborator)
- 3.5. Cultural Sensitivity (Includer)
- 3.6. Communication (Communicator)
- 4.1. Self-awareness (Self-aware)
- 4.2. Leadership (Leader)
- 4.3. Innovation and Entrepreneurship (Innovator)
- 4.4. Professionalism (Professional)

See below for the Curriculum Guide for Fall 2020 and after.

Click here to view the curriculum guide for PharmD/MSLD students entering Fall 2019 and 2018. Note that beginning with the 20-21 academic year, PHAR 162 - Pharmacy Law & Ethics will be offered in the spring rather than the fall semester. Students should plan their electives accordingly (e.g. complete a 3 credit Drake Curriculum/General or professional elective in the fall instead of the spring) to accommodate this change.

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/Gen Elec.	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		14.5
Semester Total Credit Hours		15.5			
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

SUMMER

MSLD 205	Global Leadership	3 CR
MSLD 212	Learning and Technology	3 CR
Semester Total Credit Hours		6

Doctor of Pharmacy 2

FALL			SPRING		
PHAR 134	Principles of Drug Action II	5 CR	MSLD 203	Organizational Politics and Influence	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

MSLD 207	Inspiring and Involving Others	3 CR
Semester Total Credit Hours		3

Doctor of Pharmacy 3

FALL			SPRING		
MSLD 202	Leadership in Organizations	3 CR	MSLD 204	Ethics and Leadership	3 CR
MSLD 209	Innovation and Future Thinking	3 CR	PHAR 162	Pharmacy Law & Ethics	3 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 173	Applied Social and Administrative Pharmacy	3 CR
PHAR 175	Continuing Professional Development (CPD) V	2 CR	PHAR 176	Continuing Professional Development (CPD) VI	2 CR
PHAR 184	Advanced Pharmacy Skills & Applications I	2 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR

PHAR 191	Therapeutics II	5 CR	PHAR 192	Therapeutics III	5 CR
Semester Total Credit Hours		18	Semester Total Credit Hours		18
SUMMER					
MSLD 208	Leading Change	3 CR			
Semester Total Credit Hours		3			
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
Total Program Hours: 224					

Program Notes:

- MSLD 201: Understanding Self and Others would be substituted by MSLD 211: Learning and Technology. Rationale: These are not first year students, they have been at Drake for a while and know it well, personality (a strong copy in this course) is covered in another Pharmacy course.
- MSLD 206 (Analyzing and Communicating with Data) would be waived provided that students take Pharmacy 172
- MSLD 210 (Capstone) would be waived provided that students take Pharmacy 173 (ideally, Chuck Phillips' section, which allows students to actually conduct some research)

Professional electives required by the PharmD program (5 credit hours) will be fulfilled by MSLD coursework (6 cr. for P1 students entering Fall 2019 and prior).

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 MSLD 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 MSLD program website: <http://www.drake.edu/soe/admission/>.

The MSLD 291 (Capstone) course will be fulfilled through the completion of PHAR 173. Students will be invited / welcome to participate in the MSLD program's poster event.

There is a 5-year time limit for completing the MSLD degree from the date of admission to the MSLD program.

Course information can be found here <http://www.drake.edu/leadership/course/>

MSLD - Competency Model

Early in the program, MSLD students complete a 360 and a personality assessment. The goal is the help them develop the following critical competencies:

Personal Mastery	
Adaptability	The ability to adjust to and thrive under changing conditions in environment.
Critical Thinking/Decision Making	The ability to analyze a problem logically and reach a timely and defensible decision. Involves seeking information, analyzing the opinions, proposing possible solutions, and making a decision.
Integrity and Ethics	The ability to serve as a role model to others and to build trust with others by operating according to the highest moral standard.
Professionalism	The ability to manage one's career by practicing self awareness, exercising the willingness to and the ability to continuously learn and capitalize on relationships.
Results Orientation	The ability to take action to achieve desired results. Involves goal setting, perseverance, and a sense of urgency.
Relational	
Developing Others	The ability to help "others reach their potential" (SHRM, 2011, p.4). Involves coaching, providing feedback, and sharing expertise.

Effective Communications	Receiving and transmitting information to others effectively and holistically. Involves the expression and understanding of ideas, thoughts and feelings in oral and written forms, within small or large groups.
Inspiring and Involving others	The ability to reward contributions and make people feel empowered and included.
Intercultural/Global Intelligence	Ability to respect, work effectively with, engage, and involve people from varying backgrounds and perspectives. Includes cultural sensitivity, cultural adaptability, and respect for others.
Interpersonal Relationships	This broad competency area involves the ability to relate to others in a warm and inviting manner. Includes collaborating, networking, influencing, inspiring, and interacting positively with others.
Core Competencies - Strategic	
Leading Culture Change	Comfort with the ability to lead change processes within the organization.
Strategic Vision	The ability to see a problem systemically and holistically, envision an exciting future, and invite others to reach it.