

**DRAKE UNIVERSITY**  
**Programs of Study**  
**Doctor of Pharmacy (PharmD)/Masters in Business Administration (MBA) Program**

### First Year

FALL			SPRING		
BIO 012/L	Pre-professional Biology I & Lab (LIFE AOI)	4 CR	CHEM 002/4	Chemistry II	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			
<b>Semester Total Credit Hours</b>		<b>15.5</b>	<b>Semester Total Credit Hours</b>		<b>14.5</b>

### 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 <sup>5</sup>	4 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
ELEC ---	Drake Curriculum/General Electives	6 CR	PHAR 071	CAPS IV (Career, Academic & Professional Success)	0.5 CR
ELEC ---	Drake Curriculum/Gen Elec. (WRIT AOI)	3 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
<b>Semester Total Credit Hours</b>		<b>16.5</b>	<b>Semester Total Credit Hours</b>		<b>16.5</b>

### 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
<b>Semester Total Credit Hours</b>		<b>17</b>	<b>Semester Total Credit Hours</b>		<b>19</b>

### SUMMER

MBA 200	Seminar	1 CR	<b>SUMMER (OPTIONAL)</b>		
MBA 240	Corporate Governance & Ethics	3 CR	BUS 205	Dardis Comm. Workshop	0 CR
MBA 245	Leading with Data	3 CR	<b>Semester Total Credit Hours</b>		<b>0</b>
<b>Semester Total Credit Hours</b>		<b>7</b>			

### Doctor of Pharmacy 2

FALL			SPRING		
BUS 200	Seminar	1 CR	MBA 254	Leadership & Human Capital Development	3 CR
PHAR 134	Principles of Drug Action II	5 CR	PHAR 135	Principles of Drug Action III	4 CR
PHAR 141	Pharmaceutics II	3 CR	PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 142	Kinetics	3 CR	PHAR 155	Intermediate Pharmacy Skills & Applications	2 CR

PHAR 149	Immunizations	1 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
PHAR 154	Intermediate Pharmacy Skills & Applications I	2 CR	PHAR 169	Nonprescription Therapies	3 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	PHAR 190	Therapeutics I	3 CR
PHAR 172	Literature Evaluation Methods	3 CR			
<b>Semester Total Credit Hours</b>		<b>19.5</b>	<b>Semester Total Credit Hours</b>		<b>18.5</b>

<b>SUMMER</b>					
BUS 200	Seminar	1 CR			
MBA 242	Evaluating Organizational Performance	3 CR			
MBA 253	Enhancing Firm Value	3 CR			
<b>Semester Total Credit Hours</b>		<b>7</b>			

### Doctor of Pharmacy 3

<b>FALL</b>			<b>SPRING</b>		
MBA 256	Information Technology and services Operations	3 CR	MBA 251	Creating Customer Value	3 CR
MBA 257	Project Management	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
<b>Semester Total Credit Hours</b>		<b>18</b>	<b>Semester Total Credit Hours</b>		<b>18</b>

<b>SUMMER</b>					
MBA 260	Strategic Business Processes	3 CR			
<b>Semester Total Credit Hours</b>		<b>3</b>			

### Doctor of Pharmacy 4 (12 months/May through May)

<b>FALL</b>			<b>SPRING</b>		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
<b>Semester Total Credit Hours</b>		<b>22</b>	<b>Semester Total Credit Hours</b>		<b>18</b>

### Total Program Hours: 230

#### Program Notes:

RECOMENDED SUMMER COURSE WORK: Students who wish to complete both degrees in the four professional years will need to plan to complete MBA courses during the summer sessions. This program requires a careful selection of courses for the MBA degree as electives in the pharmacy curriculum. Students may enroll in additional summer coursework or complete final MBA courses after PharmD completion. If the dual curriculum requires more than 18 credit hours in the fall or spring semesters, a credit fee waiver will be requested on the student's behalf. If students wish to take beyond the required credit hours for the semester, they will need to request an "Over 18 Hours Request Form," which can be found in the Forms Library, and the additional course work will not qualify for an overload fee waiver.

A total of 211 credits are required to complete the pharmacy degree. Students will be expected to complete the Drake Curriculum requirements. Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Engaged Citizen, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

Professional electives (5 cr.) are satisfied by MBA course work (6 cr. for P1 students entering Fall 2019 and prior); MBA Area of Specialization is satisfied by pharmacy course work.

**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.

Must complete GMAT/GRE and be admitted to the MBA program prior to enrolling in MBA courses. Following completion of 90 credit hours and admission into the

MBA program, students may enroll in MBA course work.

**\* MBA Course List**

May be completed once admitted to the MBA program:

**FOUNDATIONS 6 HOURS**

All students are required to take these two classes first, to provide a framework for decision making designed to increase value through increasing the long-run sustainability of the organization.

**Corporate Governance & Ethics - Revised (MBA 240) 3 hours**

This course presents an in-depth examination of the issues related to corporate governance in an ethical society.

**Leading with Data - new (MBA 245) 3 hours**

This course will focus on the role of data in today's fast-paced, competitive, data-rich, global business environment.

**CORE 21 HOURS**

Required courses that provide students with knowledge that every manager needs to effectively lead an organization. Each class emphasizes ethical questions that arise in the area and their impact on the decision making process and long-run sustainability.

**Evaluating Organizational Performance (MBA 242) 3 hours**

This course provides students with a conceptual foundation that demonstrates how financial statements reflect the strategic decisions made across business disciplines.

**Creating Customer Value (MBA 251) 3 hours**

An examination of how managers may build competitive advantages by creating value for customers.

**Enhancing Shareholder Value (MBA 253) 3 hours**

Applied corporate finance which focuses on making strategic decisions that increase long-run sustainability and value.

**Leadership and Human Capital Development (MBA 254) 3 hours**

Applied human resources management designed to improve leadership skills.

**Information Technology and Services Operations - revised (MBA 256) 3 hours**

A survey of the unique characteristics and applications of information systems and technology and its impact on individuals, organizations, and society. Class discussion will focus on how information technologies function and how they may be successfully utilized by the business firms and other organizations. Particular attention is given to the impact of IT on organizational strategy.

**Project Management - New (MBA 257) 3 hours**

\*Course description to come at a later date.

**Strategic Business Policy (Capstone Course) (MBA 260) 3 hours**

Linking the core and foundation courses together to form a comprehensive organizational strategy.

**Dardis Communications' Leadership Essentials Workshop (BUS 205) 0 hours**

In their first semester, all CBPA graduate students in on-campus programs will complete an elite training experience focusing on communication and leadership skills. The workshop offers a competitive edge by providing you with the skills to consistently lead, influence and inform others. The workshop meets over two days, Friday 1:00 – 8:00 p.m. and Saturday 8:00 a.m. to 4:00 p.m.

**PROFESSIONAL DEVELOPMENT SEMINARS 3 HOURS**

Each student takes 3 hours of professional development seminars taught during four week sessions prior to each semester. The seminars are designed to provide students with increased exposure to current issues that are impacting their workplace.

Advances in Business Technology	Communicating Business Ideas	Contracts
Emotional Intelligence and Leadership	Environmental Economics	Managing Diversity
Media Relations	Recent Regulatory Changes	Team Building