

## Iowa Central to Drake Pathway: Associate of Science Degree to Doctor of Pharmacy (PharmD)

Prerequisites for Doctor of Pharmacy (PharmD) Degree  
Drake University College of Pharmacy and Health Sciences

**What courses should I take at Iowa Central to help me complete the prerequisites for Drake's PharmD program?**

Associate of Science Degree Requirement	Iowa Central Recommended Courses		Credits	Equivalent Drake Courses		Credits	Drake Requirement
Communication (9 credits required)	ENG 105	Composition I	3	ENG 0--	General Elective Credit	3	WRIT*/Prerequisite
	ENG 106	Composition II	3	ENG 0--	General Elective Credit	3	Prerequisite
	SPC 112	Public Speaking	3	SCSR 073	Public Speaking	3	CITZ/Prerequisite
Mathematics and Science (20 credits required, at least 1 math and 1 science course)	BIO 112	General Biology I	4	BIO 012/L	General/Pre-Professional Biology I and Lab	4	LIFE/Prerequisite
	BIO 113	General Biology II	4	BIO 013/L	General/Pre-Professional Biology II and Lab	4	Prerequisite
	CHM 165	General Chemistry I	4	CHEM 001/003	General Chemistry I and Lab	4	PHSC/Prerequisite
	CHM 175	General Chemistry II	4	CHEM 002/004	General Chemistry II and Lab	4	Prerequisite
	MAT 210	Calculus I	4	MATH 050	Calculus I	4	QUANT/Prerequisite
Social Sciences (6 credits required)	Any HIS	Any HIS course	3	HIS 0--	General Elective Credit	3	HIST (1 of 2)
	Any ANT or GEO	Any ANT or GEO course	3	GEN 0--	General Elective Credit	3	GLOB
Humanities (3 credits required)	Any ART, DRA or MUS	Art, Drama or Music course	3	GEN 0--	General Elective Credit	3	ARTS
Distributed (2 credits required)	MAT 156	Statistics	3	STAT 060	Statistics for the Life Sciences	3	CRIT/Prerequisite
Institutional Requirement (1 credit required)	Any	Any SDV course	1	GE 0--	General Elective Credit	1	General Elective
Computer Literacy (3 credits required)	Any	Any course from list	3	GEN 0--	General Elective Credit	3	General Elective
	BIO 086	Microbiology	4	BIO 095	Medical Microbiology	3	Prerequisite
Electives (16 credits required)	CHM 261 and 271	Organic Chemistry I and II	8	CHEM 097/098 and 108/110	Organic Chemistry I and II and Lab	8	Prerequisite
	Any HIS	Any HIS course	3	HIS 0--	General Elective Credit	3	HIST (2 of 2)
<b>Total Iowa Central AA Credits</b>			<b>60</b>	<b>Transfer Credit to Drake</b>		<b>59</b>	

\* Abbreviations and definitions for the Drake University Areas of Inquiry (AOI) can be found in the Drake General Education Requirements section on the reverse side.

## Drake General Education Requirements

The general education curriculum at Drake is called the Drake Curriculum. In order to complete the Drake Curriculum, students must complete one course in each of the following Areas of Inquiry (AOI). Most of these AOIs can be transferred in from Iowa Central. More information about the AOIs can be found at <http://www.drake.edu/dc/areasofinquiry/>. **Students completing an Associate degree from an Iowa Community College are not required to complete the Areas of Inquiry at Drake.**

- ARTS = Artistic Experience
- CITZ = Engaged Citizen
- CRIT = Critical Thinking
- GLOB = Global and Cultural Understanding
- HIST = Historical Foundations (2 courses must be taken)
- INFO = Information Literacy (*PharmD curriculum*)
- LIFE/PHSC = Scientific Literacy (2 courses must be taken)
- QUANT = Quantitative Literacy
- VE = Values and Ethics (*PharmD curriculum*)
- WRIT = Written Communication

## What courses will I take at Drake?

Courses		Credits
PHAR 051 and 071	CAPS: Career, Academic and Professional Success III and IV	1
	Doctor of Pharmacy Curriculum – doctorate level coursework and professional electives	147
<b>Total at Drake</b>		<b>148</b>
<b>Total credits required for Doctor of Pharmacy (PharmD) Degree</b>		<b>210</b>

## What are the requirements for admission into the Drake University Doctor of Pharmacy (PharmD) program?

- Submit an application through the Pharmacy College Application Service (PharmCAS) at <http://www.pharmacas.org/>
- Submit a Drake University PharmD Supplemental Application and \$70 application fee (found at <http://www.drake.edu/pharmacy/doctorofpharmacy/pharmdadmission/>)
- Earn a minimum 3.0 cumulative GPA (as calculated in PharmCAS)
- Take the Pharmacy College Admission Test (PCAT)
- Complete or be in the process of completing the prerequisite coursework outlined in this document. All required math and science prerequisites must be complete by the end of the spring semester prior to enrolling.

## How can I ensure my credits will transfer?

Work with a Drake University Admission Counselor to find out how your credits will transfer, while keeping the following in mind:

- A maximum of 94 credits can be transferred to Drake University, with a maximum of 66 credits from a regionally accredited 2-year institution, like Iowa Central.
- A maximum of 4 credits of career/vocational tech. credits will transfer.
- A grade of C- or higher is required for all transfer coursework.
- A grade of C or higher is required for any prerequisite coursework completed at an institution other than Drake.
- The last 30 credit hours must be completed at Drake University.

## What other requirements should I be aware of to complete my degree?

- Students completing the Doctor of Pharmacy degree at Drake are only required to complete the Drake Curriculum Areas of Inquiry (AOIs) if they are *not* completing an Associate degree from an Iowa Community College. Some of these courses are completed through the Pharmacy program and some may be transferred to Drake.
- In order to earn a degree, students must earn a cumulative GPA of 2.0 or higher on all coursework attempted at Drake.

## What else?

- This pathway maps courses from Iowa Central. If you have attended other institutions in addition to Iowa Central, please alert your Drake University Admission Counselor.
- This pathway is a sample of an individualized plan. If you have additional questions about transferring to Drake in the Bachelor of Science in Health Sciences degree, please contact the College of Pharmacy and Health Sciences at [dupharm@drake.edu](mailto:dupharm@drake.edu) or 515-271-3018.