

Iowa Central to Drake Pathway: 1 Year of Pre-Pharmacy at Iowa Central 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?

The following plan is only appropriate for students who plan to spend 1 year at Iowa Central and DO NOT intend to earn an Associate in Arts degree. Students who intend to earn an AA degree should follow the Associate in Arts Degree to Doctor of Pharmacy (PharmD) plan.

Iowa Central Recommended Courses		Credits	Equivalent Drake Courses		Credits	Drake Requirement
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
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
MAT 156 or 210	Statistics or Calculus I	3 or 4	STAT 060 or MATH 050	Statistics for the Life Sciences or Calculus I	3 or 4	CRIT/Prerequisite or QUANT/Prerequisite
SPC 112	Public Speaking	3	SCSR 073	Public Speaking	3	CITZ/Prerequisite
Examples of elective courses (will be taken at Drake if not taken at DMACC)		May vary by student	Drake Curriculum Areas of Inquiry (AOI):		May vary by student	Drake Curriculum Areas of Inquiry (AOI)
<ul style="list-style-type: none"> Any ART or MUS (3 cr.) Any HIS (2 courses, 6 cr.) 			<ul style="list-style-type: none"> ARTS HIST (2 courses needed) 			
Total Iowa Central AA Credits		28 or 29	Transfer Credit to Drake		28 or 29	

* 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/>.

- 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
BIO 095	Medical Microbiology (prerequisite)	3
CHEM 097/098 and 108/110	Organic Chemistry I and II with Labs (prerequisite)	8
HSCI 106	Culture, Care and Health Literacy (GLOB)	3
PHAR 051 and 071	CAPS: Career, Academic and Professional Success III and IV	1
STAT 060 or MATH 050	Statistics for the Life Sciences (CRIT/prerequisite) or Calculus I (QUANT/prerequisite) (whichever not taken at DMACC)	3 or 4
	Drake Curriculum AOIs and General Electives not taken at DMACC	May vary by student
	Doctor of Pharmacy Curriculum – doctorate level coursework and professional electives	147
Total at Drake		165 or 166
Total credits required for Doctor of Pharmacy (PharmD) Degree		210

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

- Complete the required prerequisite coursework listed below. For students transferring into the Pre-Pharmacy track, a minimum of 14 credits of math/science prerequisites must be completed at Drake.
 - BIO 012/L and 013/L, General/Pre-Professional Biology I and II with Labs (8 cr.)
 - BIO 095, Medical Microbiology (3 cr.)
 - CHEM 001, 002, 003 and 004, General Chemistry I and II with Labs (8 cr.)
 - CHEM 097, 098, 108 and 110, Organic Chemistry I and II with Labs (8 cr.)
 - MATH 050, Calculus I (4 cr.)
 - STAT 060, Statistics for the Life Sciences (3 cr.)
- Earn a minimum 3.0 in both the Drake cumulative GPA and the required Drake math/science prerequisite GPA
- Take the Pharmacy College Admission Test (PCAT)

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 or 515-271-3018.