



Midwestern University

Tomorrow's Healthcare Team

Chicago College of Pharmacy

Pre-Pharmacy Coursework Completion Guide:

UNIVERSITY OF MICHIGAN – Ann Arbor

Prerequisites for enrollment in the Chicago College of Pharmacy (CCP) are listed alongside the corresponding courses that fulfill these requirements. Because course offerings can change and new ones become available, please feel free to check in with the MWU Office of Admissions (admissIL@midwestern.edu) for any allowable substitutions prior to course enrollment. Please allow at least three business days for sufficient review of alternative course options. Students must receive grades of a “C” or better in all prerequisite courses. (We are unable to accept grades of “C-” (minus).)

CCP Prerequisites		University of Michigan Courses	
English Composition	6	ENGLISH 125 Writing and Academic Inquiry	4
		ENGLISH 229 Professional Writing	4
Speech (Public Speaking)	3	COMM 290 Public Speaking in the Digital Age, OR	3
		SM 101 Public and Small Group Communication	3
Biology, with Labs	8	BIOLOGY 171 Intro Biology- Ecology & Evolution	4
		BIOLOGY 172 Intro Biology- Molecular, Cellular & Devel.	4
		BIOLOGY 173 Introductory Biology Lab	2
Anatomy	3	ANATOMY 403 Human Anatomy: Structure & Function, OR	5
		PHYSIOL 201 Intro to Human Physiology <i>(Alternative for 201 is PHYSIOL 502)</i>	4
General Chemistry I and II, with Labs	8	CHEM 130 Gen Chem: Macro Investigations & Reaction Princ.	3
		CHEM 125 General Chemistry Laboratory I	1
		CHEM 230 Physical Chem Principles & Applications	3
		CHEM 126 General Chemistry Laboratory II <i>(Alternative for 230 is CHEM 260)</i>	1
Organic Chemistry I and II, with Labs	8	CHEM 210 Structure & Reactivity I	3
		CHEM 211 Investigations in Chemistry	2
		CHEM 215 Structure & Reactivity II	3
		CHEM 216 Synthesis & Characterization of Organic Compounds	2
Physics	3	PHYSICS 135 Physics for the Life Sciences I <i>(Alternatives are PHYSICS 140 or PHYSICS 160)</i>	4
Calculus	3	MATH 115 Calculus I <i>(Alternative is MATH 185)</i>	4
Economics	3	ECON 101 Principles of Economics I	4
Statistics	3	STATS 250 Introduction to Statistics & Data Analysis	4
Social/Behavioral Science	6	Any two courses within the areas of psychology, sociology, anthropology, and/or political science.	6
General Education Electives	8	Any three courses within the areas of humanities, foreign language, fine arts, business, and/or computer science. Courses may not be related to science, math, healthcare, or physical education.	8

For additional information regarding CCP's admission policies and procedures, please contact the Office of Admissions at (800) 458-6253, AdmissIL@midwestern.edu, or visit our web site at www.midwestern.edu/CCP. Requirements and course equivalents are subject to change.