



# Midwestern University

Tomorrow's Healthcare Team

## Chicago College of Pharmacy

### Pre-Pharmacy Coursework Completion Guide:

### PENNSYLVANIA STATE UNIVERSITY

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](mailto: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		Pennsylvania State University Courses	
<b>English Composition</b>	<b>6</b>	ENGL 15 Rhetoric and Composition ENGL 162 Communicating Care	3 3
<b>Speech (Public Speaking)</b>	<b>3</b>	CAS 100 Effective Speech	3
<b>Biology, with Labs</b>	<b>8</b>	BIOL 110 Biology: Basic Concepts and Biodiversity BIOL 230 Biology: Molecules and Cells	4 4
<b>Anatomy</b>	<b>3</b>	BIOL 161 Human Anatomy & Physiology I Lecture BIOL 162 Human Anatomy & Physiology I Lab	3 1
<b>General Chemistry I and II, with Labs</b>	<b>8</b>	CHEM 110 Chemical Principles I CHEM 111 Experimental Chemistry I CHEM 112 Chemical Principles II CHEM 113 Experimental Chemistry II	3 1 3 1
<b>Organic Chemistry I and II, with Labs</b>	<b>8</b>	CHEM 210 Organic Chemistry I CHEM 212 Organic Chemistry II CHEM 213 Laboratory in Organic Chemistry	3 3 2
<b>Physics</b>	<b>3</b>	PHYS 211 General Physics: Mechanics	4
<b>Calculus</b>	<b>3</b>	MATH 140 Calculus with Analytic Geometry I	4
<b>Economics</b>	<b>3</b>	ECON 102 Introductory Microeconomics Analysis and Policy <b>OR</b> ECON 104 Introductory Macroeconomics Analysis and Policy	3 3
<b>Statistics</b>	<b>3</b>	STAT 200 Elementary Statistics <b>OR</b> STAT 250 Introduction to Biostatistics	4 3
<b>Social/Behavioral Science</b>	<b>6</b>	Any two courses within the areas of psychology, sociology, anthropology, and/or political science.	6
<b>General Education Electives</b>	<b>8</b>	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](mailto:AdmissIL@midwestern.edu), or visit our web site at [www.midwestern.edu/CCP](http://www.midwestern.edu/CCP). Requirements and course equivalents are subject to change.