



# Midwestern University

Tomorrow's Healthcare Team

## Chicago College of Pharmacy

### Pre-Pharmacy Coursework Completion Guide:

### NORTHWESTERN 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	Qtr Hrs	Northwestern University Courses	(1 unit = 4 qtr hrs)
<b>English Composition</b>	<b>8*</b>	ENGLISH 105 Expository Writing ENGLISH 205 Intermediate Composition	1.00 1.00
<b>Speech (Public Speaking)</b>	<b>4</b>	COMM ST 102 Public Speaking	1.00
<b>Biology, with Labs</b>	<b>12</b>	BIOL_SCI 215 Genetics and Molecular Biology BIOL_SCI 219 Cell Biology BIOL_SCI 217 Physiology BIOL_SCI 220 Genetics and Molecular Biology Laboratory BIOL_SCI 221 Cellular Processes Laboratory BIOL_SCI 222 Investigative Laboratory	1.00 1.00 1.00 0.34 0.34 0.34
<b>Anatomy</b>	<b>4</b>	Not available at Northwestern University. Suggest taking this subject at another institution. Please refer to additional course guides for specific course recommendations.	
<b>General Chemistry I and II, with Labs</b>	<b>12</b>	CHEM 110 Quantitative Problem Solving in Chemistry CHEM 131 General Chemistry 1 CHEM 141 General Chemistry Laboratory 1 CHEM 132 General Chemistry 2 CHEM 142 General Chemistry Laboratory 2 <i>(Alternative accelerated* sequence is 151, 161, 152, 162)</i>	1.00 1.00 0.34 1.00 0.34
<b>Organic Chemistry I and II, with Labs</b>	<b>12</b>	CHEM 210-1 Organic Chemistry CHEM 210-2 Organic Chemistry CHEM 230-2 Organic Chemistry Lab I CHEM 210-3 Organic Chemistry CHEM 230-3 Organic Chemistry Lab II	1.00 1.00 0.34 1.00 0.34
<b>Physics</b>	<b>4</b>	PHYSICS 130 College Physics, OR PHYSICS 135 General Physics	1.00 1.00
<b>Calculus</b>	<b>4</b>	MATH 220 Single-Variable Differential Calculus, OR MATH 230 Multivariable Differential Calculus	1.00 1.00
<b>Economics</b>	<b>4</b>	ECON 201 Introduction to Macroeconomics	1.00
<b>Statistics</b>	<b>4</b>	STAT 202 Introduction to Statistics <i>(Alternatives are STAT 210 or PSYCH 201)</i>	1.00
<b>Social/Behavioral Science</b>	<b>8*</b>	Any two courses within the areas of psychology, sociology, anthropology, and/or political science.	2.00
<b>General Education Electives</b>	<b>12</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.	3.00

\* For students attending Northwestern University, exceptions have been made to published quarter-hour minimums.

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.