



# MIDWESTERN UNIVERSITY

Tomorrow's Healthcare Team

## CHICAGO COLLEGE OF PHARMACY

### Pre-Pharmacy Coursework Completion Guide:

#### BALL 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		Ball State University Courses	
<b>English Composition</b>	<b>6</b>	ENG 103 Rhetoric and Writing ENG 104 Composing Research	3 3
<b>Speech (Public Speaking)</b>	<b>3</b>	COMM 210 Fundamentals of Public Communication	3
<b>Biology, with Labs</b>	<b>8</b>	BIO 111 Principles of Biology 1 BIO 112 Principles of Biology 2	4 4
<b>Anatomy</b>	<b>3</b>	ANAT 201 Fundamentals of Human Anatomy	3
<b>General Chemistry I and II, with Labs</b>	<b>8</b>	CHEM 111 General Chemistry 1 CHEM 112 General Chemistry 2	4 4
<b>Organic Chemistry I and II, with Labs</b>	<b>8</b>	CHEM 231 Organic Chemistry for Molecular-Based Sciences: Part 1 CHEM 241 Organic Chemistry Lab 1: Fundamental Techniques CHEM 232 Organic Chemistry for Molecular-Based Sciences: Part 2 CHEM 242 Organic Chemistry Lab 2: Synthesis and Characterization <b>OR</b> CHEM 234 Organic Chemistry 1 CHEM 235 Organic Chemistry 2	3 1 3 1 5 5
<b>Physics</b>	<b>3</b>	PHYC 110 General Physics 1 <b>OR</b> PHYC 120 General Physics 1 with calculus	4 5
<b>Calculus</b>	<b>3</b>	MATH 165 Calculus I	4
<b>Economics</b>	<b>3</b>	ECON 201 Elementary Microeconomics	3
<b>Statistics</b>	<b>3</b>	MATH 221 Probability and Statistics	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.