

## Pre-Pharmacy Course Requirements at Miami University

The pre-pharmacy requirements can be completed in a minimum of two years. Many applicants complete the pre-pharmacy requirements during the application process. All pre-pharmacy requirements must be completed with a grade of C- or better. Advanced Placement (AP) courses taken in high school may be used to fulfill pre-pharmacy requirements. All pre-pharmacy requirements must be completed before students start their first day of class in the PharmD program.

Miami University courses that fulfill CUW's requirements are listed concurrently. **This is not the only path to successfully completing the prerequisite courses. Contact us with questions regarding course completion.**

	CUW Requirement	Minimum Credits	Department #	Miami University Course Name
<b>Science Core Courses</b>	Biology I (w/Lab)	4	BIO 115	Biological Concepts: Ecology, Evolution, Genetics, Diversity (4 cr.)
	Biology II (w/Lab)	4	BIO 116	Biological Concepts: Structure, Function, Cellular, Molecular Biology (4 cr.)
	General Chemistry I (w/Lab)	4	CHM 141/144	College Chemistry (3 cr.) w/ Lab (2 cr.)
	General Chemistry II (w/Lab)	4	CHM 142/145	College Chemistry (3 cr.) w/ Lab (2 cr.)
	Organic Chemistry I (w/Lab)	4	CHM 241/244	Organic Chemistry (3 cr.) w/Lab (2 cr.)
	Organic Chemistry II (w/Lab)	4	CHM 242/245	Organic Chemistry (3 cr.) w/ Lab (2 cr.)
	Physics I (lab optional)	3-4	PHY 161	Physics for Life Sci & Lab I (4 cr.)
	Advanced Science Elective	4-5	Various	<i>Physics II, Anatomy &amp; Physiology, Biochemistry, Cell Biology, Molecular Biology, Microbiology, etc.</i>
<b>Total Science Credits</b>		<b>32</b>		
<b>Support Courses</b>	Calculus	3	MTH 151	Calculus I (5 cr.)
	Statistics	3	STA 261	Statistics (4 cr.)
	College-Level Writing	3	ENG 111	Composition and Rhetoric (3 cr.)
	Interpersonal Communications/ Public Speaking	3	STC 135	Principles of Public Speaking (3 cr.)
	General Education Electives	12	Various	<i>Electives can come from wide variety of classes; ex. History, Literature, Philosophy, Theology, Foreign Language, Social Sciences, Physical Education, etc.</i>
<b>Total Support Credits</b>		<b>24</b>		
<b>Total Pre-Pharmacy Credits</b>		<b>56</b>		