

## Pre-Pharmacy Course Requirements at Lakeland 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.

Lakeland 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	Credits	Dept #	Lakeland University
<b>Science Core Courses</b>	Biology I (w/Lab)	4	BIO 111	Life Sciences I
	Biology II (w/Lab)	4	BIO 112	Life Sciences II
	General Chemistry I (w/Lab)	4	CHM 131	Principles of Chemistry I
	General Chemistry II (w/Lab)	4	CHM 132	Principles of Chemistry II
	Organic Chemistry I (w/Lab)	4	CHM 203 + 204	Organic Chemistry + lab
	Organic Chemistry II (w/Lab)	4	CHM 320	Advanced Organic Chemistry
	Physics I (lab optional)	3-4	PHY 211	General Physics I
	Advanced Science Elective	4-5		<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	MAT 231	Calculus I
	Statistics	3	MAT 220	Probability and Statistics
	College-Level Writing	3	GEN 110	Composition I: Academic writing
	Interpersonal Communications/ Public Speaking	3	COM 111	Fundamentals of Public Speaking
	General Education Electives	12		<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>		