

## Pre-Pharmacy Course Requirements at Luther College

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.

Luther College 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	Dept #	Luther College Course Name (credits)
<b>Science Core Courses</b>	Biology I (w/Lab)	4	BIO 151	Principles of Biology: Ecology, Evolution, & Biodiversity (4 cr)
	Biology II (w/Lab)	4	BIO 152	Principles of Biology: Molecules & Cells (4 cr)
	General Chemistry I (w/Lab)	4	CHEM 151/152 OR CHEM 201/202 (or other)	Chemical Principles I (4 cr) and Chemical Principles II (4 cr) OR Advanced Chemical Principles (4 cr) and 4 additional chemistry credits (with or without lab) (ex. 202, 301, 361, 372)
	General Chemistry II (w/Lab)	4		
	Organic Chemistry I (w/Lab)	4	CHEM 241	Organic Chemistry I w/lab (4 cr)
	Organic Chemistry II (w/Lab)	4	CHEM 242	Organic Chemistry II w/lab (4 cr)
	Physics I (lab optional)	3-4	PHYS 151 or 181	General Physics I (4 cr) or Classical Physics I (4 cr)
	Advanced Science Elective	4-5		<i>Physics II, Anatomy &amp; Physiology, Biochemistry, Cell Biology, Molecular Biology, Microbiology, Immunology, Genetics, etc.</i>
<b>Total Science Credits</b>		<b>32</b>		
<b>Support Courses</b>	Calculus	3	MATH 151	Calculus I (4 cr)
	Statistics	3	MATH 115, 321, BIO 256 or PSYC 350	Intro to Statistics (4 cr), Probability & Statistics I (4 cr), Biostatistics (4 cr) or Behavioral Statistics (4 cr)
	College-Level Writing	3	PAID 111D	Paideia I: Enduring Questions (4 cr)
	Interpersonal Communications/ Public Speaking	3	COMS 130 or 132	Interpersonal Communication (4 cr) or Public Address (4 cr)
	General Education Electives	12		151
<b>Total Support Credits</b>		<b>24</b>		
<b>Total Pre-Pharmacy Credits</b>		<b>56</b>		