

## Pre-Pharmacy Course Requirements at Alverno 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.

Alverno 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	Credits	Dept #	Alverno College
<b>Science Core Courses</b>	Biology I (w/Lab)	4	SCI120 + lab	Foundations of Biology
	Biology II (w/Lab)	4	BI22x	Biology of plants, biology of animals or natural history
	General Chemistry I (w/Lab)	4	CH213 + lab	Chemistry of bioorganic molecules
	General Chemistry II (w/Lab)	4	CH234 + lab	Analytical chemistry
	Organic Chemistry I (w/Lab)	4	CH221 + lab	Organic Chemistry I
	Organic Chemistry II (w/Lab)	4	CH322	Organic Chemistry II
	Physics I (lab optional)	3-4	PH241	Physics I with lab
	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	MT152	Calculus I
	Statistics	3	MT256	Probability and Statistics
	College-Level Writing	3	CM120	Communication Seminar 1
	Interpersonal Communications/ Public Speaking	3	CM125	Communication Seminar 2
	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>		