

Pre-Pharmacy Course Requirements at UW-Milwaukee

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.

UW-Milwaukee 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 #	UW- Milwaukee Course Name
Science Core Courses	Biology I (w/Lab)	4	BIO SCI 150	Foundations of Biological Sciences I
			BIO SCI 202	Anatomy and Physiology
	Biology II (w/Lab)	4	BIO 152	Foundations of Biological Sciences II
			BIO 203	Anatomy and Physiology II
	General Chemistry I (w/Lab)	4	CHEM 102	General Chemistry
	General Chemistry II (w/Lab)	4	CHEM 104	General Chemistry and Qualitative Analysis
	Organic Chemistry I (w/Lab)	8	CHEM 343, 344, 345	Introductory Organic Chemistry, Introductory Organic Chemistry Laboratory, and Intermediate Organic Chemistry
	Organic Chemistry II (w/Lab)			
	Physics I (Lab optional)	3-4	PHYSICS 120	General Physics I
Advanced Science Elective	4-5		<i>Physics II, Anatomy & Physiology, Biochemistry, Cell Biology, Molecular Biology, Microbiology, etc.</i>	
Total Science Credits		32		
Support Courses	Calculus	3	MATH 211	Survey in Calculus and Analytic Geometry
	Statistics	3	MATHSTAT 215	Elementary Statistical Analysis
			BIO SCI 465	Biostatistics
			KIN 270	Statistics in Health Professions
	College-Level Writing	3	ENG 101	Introduction to College Writing
	Interpersonal Communications/ Public Speaking	3	COMM 101	Intro to Interpersonal Communication
COMM 103			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>	
Total Support Credits		24		
Total Pre-Pharmacy Credits		56		