

## Pre-Pharmacy Course Requirements at UWM – Washington County

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- Washington courses that fulfill CUW's requirements are listed concurrently. Courses listed in yellow are offered through UW Colleges online. **This is not the only path to successfully completing the prerequisite courses. Contact us with questions regarding course completion.**

	CUW Requirement	Credits	Dept #	UW- Washington
<b>Science Core Courses</b>	Biology I (w/Lab)	4	BIO 101	Concepts of Biology (5 cr)
	Biology II (w/Lab)	4	BIO 285	Anatomy and Physiology (4 cr)
	General Chemistry I (w/Lab)	4	CHE 145	General Chemistry I (5 cr)
	General Chemistry II (w/Lab)	4	CHE 155	General Chemistry II (5 cr)
	Organic Chemistry I (w/Lab)	4	CHE 343	Organic Chemistry I (3 cr)
			CHE 351	Organic Chemistry I lab (1 cr)
	Organic Chemistry II (w/Lab)	4	CHEM 363	Organic Chemistry II (3 cr)
			CHE 361	Organic Chemistry Laboratory (1 cr)
Physics I (lab optional)	3-4	PHY 141	College Physics I (5)	
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 221	Calculus and Analytical Geometry (5 cr)
	Statistics	3	MAT 117	Elementary Statistics
	College-Level Writing	3	ENG 101	College Writing and Critical Reading
	Interpersonal Communications/ Public Speaking	3	CTA 103	Introduction to 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>		