

CHEMISTRY COURSES FOR PRE-HEALTH SCIENCES

(regardless of declared major)

	Series	Course	Credit(s)	Prerequisites	Quarters Offered
<ul style="list-style-type: none"> These are the courses commonly required by pre-medical and other pre-health profession programs. This list is not all-inclusive. Please contact your advisor or desired post-baccalaureate program directly for the most accurate information. 	General Chemistry Series	CHEM 161	5	MATH 114 or suitable ALEKS score	F / W / Sp / Sm
		CHEM 162	5	CHEM 161 (C- or better)	F / W / Sp / Sm
		CHEM 163	4	CHEM 162 (C- or better)	F / W / Sp / Sm
	Organic Chemistry Lecture Series	CHEM 351	4	CHEM 163 (C- or better) or concurrent	F / W / Sp / Sm
		CHEM 352	4	CHEM 351 (C- or better)	F / W / Sp / Sm
		CHEM 353	3	CHEM 352 (C- or better)	F / W / Sp
	Organic Chemistry Lab Series	CHEM 354	3	CHEM 352 (C- or better) or concurrent	W / Sp / Sm
		CHEM 356	2	CHEM 354 (C- or better) and 353 (or concurrent)	Fall / Spring
	Biochemistry Lectures	CHEM 471	4	CHEM 353 (C- or better) or concurrent	Fall / Winter
		CHEM 472	4	CHEM 472 (C- or better)	Winter / Spring

Note: The Chemistry Minor requires General Chemistry (CHEM 161-163), plus 15 credits of upper division chemistry of your choosing. Completing Organic Chemistry Lecture and Labs (CHEM 351-354 & 356); plus Biochemistry I & II (CHEM 471/472) will (more than) complete the Chemistry Minor and satisfy pre-health chemistry requirements. **Eligibility dependent on declared major**

PRE-MED REQUIREMENTS

(in addition to Chemistry or Biochemistry major requirements)

Subject	Course	Credit(s)	Prerequisites	Quarters Offered	
Biology	BIOL 204	5	CHEM 161 (or concurrent)	F / W / Sp	<ul style="list-style-type: none"> This does not account for all other GUR's. Students should meet with Pre-Professional Pathways Advisors for most current and accurate pre-health advising. <p>www.western.edu/careers/prehealth.shtml 360-650-3268</p>
	BIOL 205	5	BIOL 204 & CHEM 161 & CHEM 162 (or concurrent)	F / W / Sp	
	BIOL 206	5	BIOL 205 & CHEM 162 & CHEM 163 (or concurrent)	F / W / Sp	
English	ENG 101	5 cr	NA	F / W / Sp	
	ENG 201 or ENG 202	5 cr	ENG 101 or AP Credit	201: Sp Only 202: F / W / Sp	
	ENG 302	5 cr	ENG 101 & JR standing	F / W / Sp	
Math	MATH 124 & 125	5 cr each	MATH 115 or 118	F / W / Sp	
Statistics	MATH 240 or BIOL 340	MATH 240: 4 cr BIOL 340: 5 cr	240: MATH 112 340: BIOL 206	F / W / Sp	
Social Science	PSYCH 101 or other SSC GUR	PSYCH 101: 5 cr	PSYCH 101: NA	PSYCH 101: F / W / Sp	