



Department of Chemistry

Bachelor of Arts, Biochemistry

Four-Year Academic Road Map

Sample only—your academic advisor will help you create a plan that is right for you.
Upper-division electives will be selected in consultation with your faculty mentor.

YEAR 1	Fall Quarter		Winter Quarter		Spring Quarter			
	UNIV 101	Transition to CWU	CHEM 182	Gen. Chem. II	CHEM 183	Gen. Chem. III		
	K7 CHEM 181	Gen. Chem. I	CHEM 182Lab	Gen. Chem. Lab II	CHEM 183Lab	Gen. Chem. Lab III		
	CHEM 181Lab	Gen. Chem. Lab I	MATH 172	Calculus I	BIOL 183	General Biology III		
	MATH 154*	Calculus I	BIOL 182	General Biology II	ENG 101	Academic Writing I		
	BIOL 181	General Biology & Lab I						
Total Quarter Credits		16	Total Quarter Credits		15	Total Quarter Credits		15

YEAR 2	Fall Quarter		Winter Quarter		Spring Quarter			
	CHEM 361	Organic Chem. I	CHEM 362	Organic Chem. II	CHEM 363	Organic Chem. III		
	CHEM 332	Quant. Anal.	CHEM 361Lab	Organic Chem. Lab I	CHEM 363Lab	Organic Chem. Lab II		
	CHEM 332Lab	Quant. Anal. Lab	K8 Science & Technology (ex: NUTR 101)		Chem elective ⁵			
	K1 Academic Writing II (ex: ENG111)		K6 Individual & Society (ex: PYS 101)		K4 Global Dynamics (ex: HIST 103)			
	Total Quarter Credits		13	Total Quarter Credits		15	Total Quarter Credits	

YEAR 3	Fall Quarter		Winter Quarter		Spring Quarter			
	CHEM 431	Biochemistry I	CHEM 432	Biochemistry II	CHEM 433	Biochemistry III		
	CHEM 431Lab	Biochemistry Lab I	PHYS 122 [#]	Intro Physics Life Sci II	CHEM 433Lab	Biochemistry Lab II		
	PHYS 121 [#]	Intro Physics Life Sci I	K2 Cmty, Cult. & Citizenship (ex: WGSS 201)		K5 Humanities (ex: PHIL 104)			
	K3 Creative Expression (ex: MUS 103)				Chem elective ⁵			
	Total Quarter Credits		15	Total Quarter Credits		13	Total Quarter Credits	

YEAR 4	Fall Quarter		Winter Quarter		Spring Quarter			
	CHEM 350	Inorganic Chemistry	Chem elective ⁵		CHEM 488	Colloquium		
	Chem elective ⁵		Elective/2 nd Program course		Elective/2 nd Program course			
	Elective/2 nd Program course		Elective/2 nd Program course		Elective/2 nd Program course			
	Elective/2 nd Program course		Elective/2 nd Program course		Elective/2 nd Program course			
	Total Quarter Credits		15	Total Quarter Credits		17	Total Quarter Credits	

Total Credits						180
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*Assumes appropriate Math placement. If your placement suggests a different starting point your advisor will design a plan that fits your needs and helps you build a strong foundation for success.

[#]Any combination of the PHYS 111-, 121-, and/or 181-series is acceptable.

⁵Ten credits of Chemistry Department-approved electives are required for this degree.

Department Webpage



CWU Degree Requirements



CWU Course Catalog

