



Department of Chemistry

Bachelor of Arts, Chemistry

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	MATH 173	Calculus II	
	MATH 154*	Pre-Calculus II	K1 Academic Writing II (ex: ENG 111)		K8 Science & Technology (ex: NUTR 101)		
	ENG 101	Academic Writing 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	MATH 272	Multivariable Calculus I	
	CHEM 332	Quant. Anal.	CHEM 361Lab	Organic Chem. Lab I	PHYS 113 [#]	Intro Physics III w/Lab	
	CHEM 332Lab	Quant. Anal. Lab	PHYS 112 [#]	Intro Physics II w/Lab	K5 Humanities (ex: PHIL 104)		
	PHYS 111 [#]	Intro Physics I w/Lab	CHEM 492	Lab. Exper. Teach. Chem.			
			K6 Individual & Society (ex: PSY 101)				
Total Quarter Credits		13	Total Quarter Credits		17	Total Quarter Credits	15

YEAR 3	Fall Quarter		Winter Quarter		Spring Quarter		
	CHEM 350	Inorganic Chemistry	Chem elective ⁵		K2 Cmty, Cult. & Citizenship (ex: WGSS 201)		
	CHEM 381	Physical Chemistry I	K3 Creative Expression (ex: MUS 103)		Chem elective ⁵		
	K4 Global Dynamics (ex: HIST 103)		Elective/2 nd Program course		Elective/2 nd Program course		
Total Quarter Credits		15	Total Quarter Credits		15	Total Quarter Credits	15

YEAR 4	Fall Quarter		Winter Quarter		Spring Quarter		
	CHEM 431	Biochemistry I	Elective/2 nd Program course		CHEM488 Colloquium		
	CHEM 431Lab	Biochemistry. Lab I	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		15	Total Quarter Credits	14

Total Credits						180
----------------------	--	--	--	--	--	------------

*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.

[#]Entire Physics series must be taken, but any combination of the 111-, 121-, and/or 181-series is acceptable.

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

Department Webpage



CWU Degree Requirements



CWU Course Catalog

