

University of Washington Bothell Curriculum — Chemistry (BA)

Prerequisites: 51 credits		
B CUSP / STMATH 124: Calculus I	5	
B CUSP / STMATH 125: Calculus II	5	
B CUSP / STMATH 126: Calculus III	5	
B CHEM 143, 144: General Chemistry I w/ Lab	6	
B CHEM 153, 154: General Chemistry II w/ Lab	6	
B CHEM 163, 164: General Chemistry III w/ Lab	6	
B CHEM 237: Organic Chemistry I	4	
* B CHEM 238, 241: Organic Chemistry II w/ Lab	7	
* B CHEM 239, 242: Organic Chemistry III w/ Lab	7	

* Internal applicants may apply after completing the first Organic Chemistry.

Physics & Math: 20 credits		
B PHYS 121: Mechanics	5	
B PHYS 122: Electromagnetism and Oscillatory Motion	5	
B PHYS 123: Waves	5	
STMATH 307, 308, 324, or 341: 300-Level Mathematics	5	

Chemistry Core: 38 credits		
B CHEM 312: Inorganic Chemistry I	3	
B CHEM 315: Quantitative Environmental Analysis	5	
B CHEM 401: Physical Chemistry I	4	
B CHEM 402: Physical Chemistry II	4	
B CHEM 495: Investigative Chemistry I	3	
B CHEM 497: Apprenticeship in Chemistry Education	4	
Upper Division Chemistry Electives (must include one additional lab)	10	
Upper Division STEM Elective	5	

General Education Requirements

Composition/Additional Writing (C/W): 10 credits		
Composition	5	
Technical or Research Writing Recommended	5	

Visual, Literary, and Performing Arts (VLPA): 15 credits		
	5	
	5	
	5	

Individual & Society (I&S): 15 credits		
	5	
	5	
	5	

Diversity (DIV): 3 credits - May be completed alongside VLPA or I&S		
	3	

General Electives (as needed to attain 180 credits)		

Intended for Interdisciplinary Students

The BA in Chemistry is designed for wide variety of students interested in a broader and interdisciplinary Chemistry experience. For example, students pursuing a science teaching career can complete most of the required coursework with a BA in Chemistry.

Minimum Course GPA

All major requirements and prerequisite courses must be completed with a 2.0 minimum GPA

Cross Campus Enrollment

After earning 15 credits at your home campus, you are able to take up to 15 credits per year at another UW campus.

Residency

45 out of the last 60 credits earned must be taken at your home campus.