

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 294: Chemistry Seminar	1	
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 course)	10	
Upper Division STEM Elective	5	

General Education Requirements

Composition/Additional Writing (C/W): 15 credits		
Composition	5	
Technical or Research Writing Recommended	5	
	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)		

Autumn	Winter	Spring	Summer
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	—	—
—	✓	✓	—
—	—	✓	✓
✓	✓	—	—
—	✓	✓	—
—	—	✓	✓

Autumn	Winter	Spring	Summer
✓	✓	—	—
—	✓	✓	—
—	—	✓	✓
✓	✓	✓	✓

Autumn	Winter	Spring	Summer
—	✓	—	—
—	✓	—	—
✓	—	—	—
✓	—	—	—
—	✓	—	—
✓	✓	—	—
Varies (usually in Winter and Spring)			
✓	✓	✓	✓

Notes

Additional Information

- If you need assistance, please email Academic Advisor Amy Bawarshi: afeldman@uw.edu
- **Subject to Change** - All requirements and policies are subject to change without notice. The course list is updated regularly. Please check with your advisor to verify that a course fulfills any given requirement.
- **Using Other Coursework** - Some courses from other departments or institutions may fulfill degree requirements, but often require a petition. Please check with your academic advisor.
- **Total Credits** - You must have at least 180 college-level credits to earn this degree.
- **Transfer Credits** - The University of Washington Bothell allows 135 credits to transfer. Of those, up to 90 credits may be lower division courses (100-200 level). You may petition to have more lower division credits transfer.
- **Cross-Campus Enrollment** - After earning a certain number of credits at UW Bothell (usually 15), students may take up to 15 of their credits per academic year at other UW campuses.
- **Residency** - To earn a degree from The University of Washington, students must complete 45 of their final 60 credits at their home campus (UWB).
- **Minimum GPA** - All degree-specific requirements must be completed with a grade of 2.0 or higher. In addition, you must maintain a GPA of 2.0 to earn a degree from UW Bothell.

Notes