

UW Bothell — Chemistry w/ Biochem Degree Checklist

AUT21-SUM22 (please note: offerings may be subject to change)

Physics & Math: 35 credits		
STMATH 124: Calculus I	5	
STMATH 125: Calculus II	5	
STMATH 126: Calculus III	5	
STMATH 307, 308, 324, or 341: Upper Division Mathematics	5	
B PHYS 121: Mechanics + lab	5	
B PHYS 122: Electromagnetism and Oscillatory Motion + lab	5	
B PHYS 123: Waves + lab	5	

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

Biology: 10 credits		
B BIO 180: Introductory Biology I + lab	5	
B BIO 200: Introductory Biology II + lab	5	
OPTIONAL — B BIO 220: Introductory Biology III + lab	5	

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

Chemistry: 87 credits		
B CHEM 143, 144: General Chemistry I + lab	6	
B CHEM 153, 154: General Chemistry II + lab	6	
B CHEM 163, 164: General Chemistry III + lab	6	
B CHEM 237: Organic Chemistry I (no lab)	4	
B CHEM 238, 241: Organic Chemistry II + lab 1	7	
B CHEM 239, 242: Organic Chemistry III + lab 2	7	
B CHEM 294: Chemistry Seminar	1	
B CHEM 315: Quantitative Environmental Analysis + lab	5	
B CHEM 426: Instrumental Analysis + lab	5	
B CHEM 495 : Investigative Chemistry I	3	
B CHEM 364: Biochemistry I	5	
B CHEM 365: Biochemistry II	5	
B CHEM 366: Biochemistry Lab (concurrently with or after 364)	3	
B CHEM 375: Molecular Biology	5	
B CHEM 401: Physical Chemistry I	4	
B CHEM 402: Physical Chemistry II	4	
B CHEM 404: Physical Chemistry Lab	4	
Upper Division Chemistry Electives (300+ level BCHEM)	7	
	Total	

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

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 - Can overlap with VLPA/I&S		
	3	
General Electives (as needed to attain 180 credits)		

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.
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- **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.
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- **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.
 - **Senior Residency** - To earn a degree from The University of Washington, students must complete 45 of their final 60 credits at their home campus (UW Bothell is your home campus).
 - **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