

Biology

(General Pre-Health Plan)



UNIVERSITY of WASHINGTON | BOTHELL
SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

[Website](#)
425-352-3746
STEMADV@UW.edu

- This is only a suggested schedule of courses based on degree requirements. The actual degree plan may differ depending on the course of study selected, the number of starting credits, individual student's plans, or the starting admission point. [Follow degree audits to track requirements.](#)
- This guide is not a substitute for academic advising or degree audits. Contact your academic advisor with questions about scheduling, unique interests, or degree requirements.
- Applicants who are generally competitive to Biology will have the following: 1. 3.0 grade in each prerequisite, 2. Cumulative GPA of 3.0, 3. A positive grade trend with few to no repeats.

	Autumn	Winter	Spring
Year 1	◆ B CHEM 143 + 144 General Chemistry I + Lab	◆ B CHEM 153 + 154 General Chemistry II + Lab	◆ B CHEM 163 + 164 General Chemistry III + Lab
	B MATH 123 Precalculus II	STMATH 124 Calculus with Analytical Geometry I	B WRIT 134 Composition
	❖ VLPA	❖ I&S	❖ VLPA
	<i>BCHEM 153 + 154 is a prerequisite of BBIO 200 but may be taken concurrently. BBIO 180, 200, 220 are prerequisites for most 300- and 400-level BBIO coursework.</i>		
Year 2	◆ B BIO 180 Introductory Biology I	◆ B BIO 200 Introductory Biology II	◆ B BIO 220 Introductory Biology III
	B WRIT 135 Research Writing	✓ BES 312 Ecology	✓ STMATH 341/B MATH/BIS/BHLTH 215 Approved Statistics course
	I&S	BST 301 Scientific Writing or other Writing Course	✓ B BIO 360 Genetics Elective
	<i>Genetics (BBIO 360) and Ecology (BES 312 or BBIO 471) can be taken most quarters, but are prerequisites for some elective course options. Scientific Writing (BST 301) is recommended for Additional Writing requirement, but any 'W' course can be used.</i>		
Year 3	I & S (suggestion: BIS 181)	B CHEM 238 + 241 Organic Chemistry II	B CHEM 239 + 242 Organic Chemistry III
	B CHEM 237 Organic Chemistry I	Biology Core Course or Upper Division Elective (suggestion: medical microbiology)	Biology Core Course or Upper Division Elective
	Biology Core Course or Upper Division Elective (suggestion: BBIO 370 microbiology)	DIVERSITY course	VLPA
	<i>Statistics (BMATH/BIS/BHLTH 215 or STMATH 341) is a prerequisite for most Investigative Biology work. Organic Chemistry I (BCHEM 237) is a prerequisite for Biochemistry I and II (BBIO/BCHEM 364 and 365).</i>		
Year 4	B PHYS 114 + 117 Physics I + Lab	B PHYS 115 + 118 Physics II + Lab	B PHYS 116 + 119 Physics III + Lab
	Biochemistry I (B CHEM 364)	B BIO 351 Anatomy and Physiology I	B BIO 352 Anatomy and Physiology II
	Biology Core Course or Upper Division Elective	Biochemistry II (B CHEM 365)	Any necessary courses to complete pre- allied health field or major

- ◆ Prerequisite: Must be completed prior to applying for a major.
- ✓ milestones: Courses and special requirements necessary to timely progress through and complete a major.
- ❖ may be fulfilled with Discovery Core

All classes are 5 credits unless followed by a parenthesis with a number, indicating the number of credits.

Refer to the time schedule for up to date course offerings; including quarters, days and times

This Map is a suggested sequence of the current curriculum which may be altered to carry out the academic objectives of the University. The University specifically reserves the right to change the student's current map at any time within the student's period of study.

Last updated: 1/14/21