

UW Bothell — B.S. in Biology Degree Checklist

Admissions Prereqs	✓	Course Number	Course Title / Notes	Cr.
Gen. Chemistry Series		BCHEM 143+144, 153+154, 163+164	Gen. Chemistry I, II, III + Labs	18
Intro Biology Series		BBIO 180, 200, 220	Intro Biology I, II, III + Labs	15

Quarters Offered (tentative)

AUT	WIN	SPR	SUM
I	I, II	II, III	III
I, III	I, II	II, III	varies

Core Requirements

Physics Series <i>Choose one series.</i>	BPHYS 114+117, 115+117	Gen. Physics I, II + Labs; 3rd course optional	10
	BPHYS 121, 122	Calc-based Phys. I, II + Labs; 3rd course optional	
Calculus <i>Choose one course.</i>	STMATH 124	Calculus I	5
	BMATH 144	Calculus for Life and Social Sciences	
Statistics <i>Choose one course.</i>	BHLTH/BMATH 215	Statistics for Health Sciences	5
	BIS 215	Understanding Statistics	
	STMATH 341	Statistical Inference; calculus-based	
Genetics	BBIO 360	Genetics	5
Evolution	BBIO 466	Evolution	5
Ecology <i>Choose one course.</i>	BES 312	Ecology	5
	BBIO 471	Plant Ecology + Lab	
Cell Biology <i>Choose one course.</i>	BBIO 370	Microbiology I + Lab	5
	BBIO 372	Stem Cells	
	BBIO 380	Cell Biology; spring quarter fulfills Writing	
Physiology <i>Choose one course.</i>	BBIO 351	Anatomy & Physiology I + Lab	5
	BBIO 352	Anatomy & Physiology II + Lab; 351 not prereq	
Investigative Biology <i>Choose one option.</i>	BBIO 495	Investigative Biology; automatically counts	5
	BBIO 499	Undergrad Research; must petition and present	or
		Non-credit research (internships, etc.); must petition and present.	0

I	I, II	II, III	III
I	I, II	II, III	III
✓	✓	✓	✓
✓	✓	✓	—
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	—
✓	✓	✓	✓
✓	✓	✓	—
✓	✓	✓	—
✓	✓	✓	—
✓	✓	✓	—
✓	✓	✓	varies
—	✓	✓	—
✓	✓	✓	✓
Arrange w/ instructor.			
Arrange w/ organization.			

Electives / General Education Requirements

Biology & Society	One course (usually 5 credits; as low as 3 credits). Review list of options.	5
Upper Division Biology Electives	20 credits (about 4 courses). Must be from at least two out of three categories: A (Ecology/Evolution), B (Cell/Molec), C (Physio/Neuro)	20
General Education & Areas of Knowledge Requirements <i>Can overlap with other requirements!</i>	Diversity (DIV); almost always also counts as A&H or SSc	3
	Composition (C)	5
	Additional Writing (C or W)	10
	Arts & Humanities (A&H); cannot overlap w/ SSc	15
	Social Sciences; cannot overlap w/ A&H	15
Other Graduation Requirements	At least 180 total credits? Includes transfer credits.	
	At least 45 of last 60 required credits taken at UW Bothell?	

How to find options

Read next page or uwb.edu/biological-sciences/curricula
Use the search tool on MyPlan to look up these abbreviations: DIV, C, W, A&H, or SSc myplan.uw.edu/course
Check your degree audit! myplan.uw.edu/audit

Consider a minor!

Minors are **optional** sets of coursework you can take in addition to your major. These are minors that Biology students often take, but they are not the only ones!

Talk to your advisor to declare a minor or explore more options.

Updated: 6/6/2022
Contact: sciadv@uw.edu

Chemistry Minor
All three of the following:
Organic Chem I - BCHEM 237
OChem II+Lab - BCHEM 238+241
At least one more chemistry lab course. Can fulfill with a course below marked with *.
Five electives from at least three of the following areas (18+ cr.):
Analytical Chemistry BCHEM *315, 350, *426
Biochemistry BCHEM 310, 364, 365, *366, 375, 494
Chemistry Education BCHEM 497
Inorganic Chemistry BCHEM 312, 313
Physical Chemistry BCHEM 401, 402, *404

Neuroscience Minor
All three of the following:
Behavioral Neurosci - BBIO 320
Anat & Phys I + Lab - BBIO 351
Neurobiology - BBIO 480
Two electives from the following:
Beh. Endocrinology - BBIO 355
Animal Behavior - BBIO 385
Diseases Nerv. Syst. - BBIO 390
Spec. Topics Neuro - BBIO 394
Abnormal Psych. - BIS 270
Clinical Psych. - BIS 422
Important notes:
[1] BBIO 310 no longer counts for the Neuroscience minor.
[2] BBIO 480 cannot also count for the Biology major.
[3] Other "BBIO" courses can also count for the Biology major, but the "BIS" courses cannot .

Health Studies Minor
Both of the following:
Intro Public Health - BHS 201
Social Dimensions - BHS 302
One of the following:
Health Research - BHS 300
Social Research - BIS 312
Sci. Methods & Pract - BES 301
One elective from list at:
uwb.edu/healthstudies/degree-reg/hs-electives
Ecological Restoration Minor
All four of the following:
Restoration Ecology - BES 362
Restoration Ecology Capstone (10 credits). Contact iasadv@uw.edu for courses.
Two electives from list at:
uwb.edu/ias/undergraduate/minors/ecological-restoration

