

THE UNIVERSITY OF PUGET SOUND

2025-2026 CURRICULUM GUIDE

NATURAL SCIENCE/BIOLOGY

DEGREE: BS

CONTACT PERSON: SUSANNAH HANNAFORD

SUGGESTED four-year plan of study (other class schedules are possible):

<i>Fall Semester Classes</i>		<i>Spring Semester Classes</i>	
Freshman	Units		Units
CONN 100-level	1	Critical Conversations Seminar (CCS)	1
BIOL 111/lab ¹ (NS/MA Division requirement)	1	BIOL 112/lab ¹	1
CHEM 110/lab ²	1	CHEM 120/lab ²	1
Language or Elective	1	Language or Elective	1
Sophomore	Units		Units
BIOL 211, 212, or 213 /lab ^{1,3}	1	BIOL 211, 212, or 213 /lab ^{1,3}	1
Major elective 1 ^{4#}	1	MATH 150+ or CSCI 141+	1
Division requirement 2 or CONN 200+ 1	1	Major elective 2 ^{4#}	1
Elective	1	Elective	1
Junior	Units		Units
BIOL 211, 212, or 213 /lab ^{1,3}	1	BIOL 310+1 ¹	1
Major elective 3 ⁴	1	Major elective 4 ^{4##} or Elective	1
CONN 200+1	1	CONN 200+ 2 or KNOW or Elective	1
Division requirement 3 or Elective	1	Division requirement 3 or Elective	1
Senior	Units		Units
BIOL 310+2/lab ¹	1	Major elective 4 ^{4##}	1
Major elective 4 ^{4##} or Elective	1	KNOW 300+ or Elective ⁵	1
CONN 200+ 2 or Elective	1	Elective	1
KNOW 300+ or Elective	1	Elective	1

Fulfillment of the Experiential Learning and KNOW* requirements and min. of 32 units required to graduate

Notes: See back page for explanation of any Sound Connections course prefixes.

***Refer to your '25-26 Bulletin for details on how to meet Experiential Learning and KNOW requirements.**

1)BIOL 111, or any of the science/ math units that fulfill major requirements, also satisfy the Natural Sciences/Mathematics (NS/MA) Division requirement.Seven units of Biology: BIOL 111, 112, 211, 212, 213 and two upper-division Biology electives numbered from BIOL 310-496, excluding BIOL 398; at least one elective must include a lab; one must be completed on the Puget Sound Campus.

2) Chemistry is often, but is not required to be, taken in the first year. Talk to your advisor about alternatives. Note that CHEM 120 is a prerequisite for BIOL 212.

3) 200-level BIOL courses can be taken in any order as long as course prerequisites are fulfilled.

4) Four additional units from the following: BIOL 310-496 (excluding BIOL 398); CHEM 250+; CSCI 141+; ENVS 101+; EXSC 221, 222; MATH 110+; NRSC 201, 350; PHYS 111+.

#At least two of the units must be from a department **other than** biology.

##One unit can/may be from the following list: BIOE 292 (AR/HM Division requirement); PHIL 232 (AR/HM); STHS 200, 325 (SS/Hi Div. req.). MATH 110 and CHEM 105 can count as this requirement if, and only if, taken prior to any higher-level courses in that area of study.

THE UNIVERSITY OF PUGET SOUND

COURSE CHECKLIST

DEPARTMENT: BIOLOGY; NATURAL SCIENCE

SOUND CONNECTIONS CORE (Passing grade required in all)			MAJOR REQUIREMENTS (14 units; min. 2.0 GPA for all majors courses)		
COURSE	Units	Complete	COURSE	Units	Complete
First Year Experience (2 units):			BIOL 111	1	☐
1) Connections 100-level (CONN 1xx)		☐	BIOL 112	1	☐
2) Critical Conversations Seminar (CCS)		☐	BIOL 211	1	☐
Division Requirements: At least 1 course from each of 3 Divs. (3 units)			BIOL 212	1	☐
1) Arts/Humanities (AR/HM) ¹		☐	BIOL 213	1	☐
2) Social Sciences/History (SS/HI) ²		☐	BIOL elective 1 ⁴	1	☐
3) Natural Sciences/Mathematics (NS/MA) ³		☐	BIOL elective with lab 2 ⁴	1	☐
Connections (2 requirements):			CHEM 110 and 120	2	☐
1) CONN 200+ 1		☐	MATH 150+ or CSCI 141+	1	☐
2) CONN 200+ 2		☐	Four additional science units ⁵ :		
Language Requirement- Meet in 1 of following 3 ways (0-2 units):			Science elective 1	1	☐
1) Two courses approved for Language requirement (2 units)		☐	Science elective 2	1	☐
2) One approved Language course if either of the following are true (1 unit):		☐	Science elective 3#	1	☐
A. Scored 4 or 5 on AP foreign language exam OR 5, 6, or 7 on IB higher level language exam, or		☐	Science elective 4##	1	☐
B. Heritage Learner: non-English language spoken at home; bilingual to some degree.		☐	THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS		
3) High School diploma is from school where primary language of instruction was not in English (0 units)		☐			
Experiential Learning Requirement (EL): Meet via 1 of 4 options; Can double count. See Advisor for details. (0-1 unit)					
EL Course: BIOL 472 can satisfy this req.		☐			
KNOWledge, Identity & Power Requirements: Two courses. See the '25-26 Bulletin for details. Courses may also fulfill other program/graduation requirements (0-2 units)					
KNOW course		☐			
KNOW 300+ level course		☐			

NOTES:

- Natural Science Biology majors must earn a GPA of 2.0 in courses taken for the major; and all courses taken for a major must be taken for graded credit.
- 1) BIOE 292 and PHIL 232, courses that satisfy electives accepted for this major, also satisfy the Arts/Humanities (AR/HM) Division requirement.
 - 2) STHS 200 or 325, which satisfy electives required for this major, also satisfy the Social Scientific/History (SS/HI) Division requirement.
 - 3) Any of the science/ math units that fulfill Major requirements may also be used to fulfill the Natural Sciences/Mathematics (NS/MA) Division requirement.
 - 4) Two upper-division Biology electives numbered from 310-496 (excluding 398); **one of which must include a lab** and one that must be completed on the Puget Sound campus. See the 25-26 Bulletin for a complete list of courses that count for this requirement. A maximum of one unit of research or independent study courses may count toward the major: BIOL 390, 392, 490, 491, 495, or 496.
 - 5) Four additional units from the following: #At least two of these units must be taken from a department/program **other than** biology; BIOL 310-496 (excluding BIOL 398); CHEM 250+; CSCI 141+; ENVS 101+; EXSC 221, 222; MATH 110+; NRSC 201, 350; PHYS 111+; ##One unit from the following list: BIOE 292 (AR/HM); PHIL 232 (AR/HM); STHS 200 (SS/HI), STHS 325 (SS/HI). MATH 110 and CHEM 105 can count as this requirement **only if** taken **prior to** any higher-level courses in that area of study.
- Natural Science Biology majors are encouraged to participate in the undergraduate research program, provided they consult with and gain approval from a biology faculty research advisor and submit a research proposal. Related courses include 290/390/490 (Directed research), and 491 (Senior Thesis). Students planning a senior thesis should enroll in BIOL 201 (Biology Colloquium), BIOL 392 (Introduction to Biological research) and either one unit of BIOL 491 or BIOL 490 and 491. One research unit or independent study (390, 490, and 491) may count as an advanced elective for the major.