THE UNIVERSITY OF PUGET SOUND

2021-2022 CURRICULUM GUIDE

NATURAL SCIENCE/BIOLOGY

DEGREE: BS

CONTACT PERSON: STACEY WEISS

A SUGGESTED four-year program:

<u>Fall Semester Classes</u>		Spring Semester Classes	
Freshman	Units		Units
SSI 1	1	SSI 2	1
BIOL 111/lab (NS core) ¹	1	BIOL 112/lab ¹	1
CHEM 110/lab or CHEM 115/lab ²	1	CHEM 120/lab or CHEM 230/lab ²	1
FL (if needed) or Elective	1	FL (if needed) or Elective	1

Sophomore	Units		Units
BIOL 211, 212, or 213 / lab ^{1,3}	1	BIOL 211, 212, or 213 / lab ^{1,3}	1
Science elective 1 ⁴	1	MATH 150+ (MA core) or CSCI 141+	1
Elective	1	Approaches core	1
Approaches core	1	Approaches core	1

Junior	Units		Units
BIOL 211, 212, or 213 / lab ^{1,3}	1	BIOL elective 1 ¹	1
Science elective 2 ⁴	1	Science elective 3 ⁴ or Elective	1
Elective	1	Elective	1
Elective	1	Elective	1

Senior	Units		Units
BIOL elective 2 ¹	1	Science elective 4 ⁴	1
Science elective 3 ⁴ or Elective	1	CN core ⁵	1
Elective	1	Elective	1
Elective	1	Elective	1

NOTES:

Puget Sound requires a total of 32 units to graduate

Completion of 14 units in Biology, at least two at the 300/400 level.

- 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) Seven units of Biology: BIOL 111, 112, 211, 212, 213 and two upper-division Biology electives numbered from BIOL 312-496, 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 115 or CHEM 120 is a pre-requisite for BIOL 212.
- 3) 200-level BIOL courses can be taken in any order as long as course pre-requisites are fulfilled.
- 4) Four science electives can include: BIOL 312- 496 (excluding BIOL 398); CHEM 250+; CSCI 141+; ENVR 105; EXSC 221, 222; GEOL 101+; MATH 150+; NRSC 201, 350; PHYS 111+. Only two of these units can be from the Biology department.
- 5) Of the three units of upper division coursework required outside the first major, the Connections course will count for one unless it is used to meet a major requirement.

THE UNIVERSITY OF PUGET SOUND COURSE CHECKLIST NATURAL SCIENCE/BIOLOGY

COURSE

CORE CURRICULUM

MAJOR REQUIREMENTS

UNITS

TERM GRADE

UNIVERSITY CORE	CRS	TERM	GRADE	
SSI 1				
SSI 2				
AR				
HM				
MA (MATH 150+) ¹				
NS (BIOL 111, 112) ¹				
SL				
CN				
KEV				

<u>KEY</u>

SSI1= Seminar in Scholarly Inquiry1 SSI2= Seminar in Scholarly Inquiry2 AR= Artistic Approaches HM= Humanistic Approaches MA= Mathematical Approaches NS= Natural Scientific Approaches SL= Social Scientific Approaches CN= Connections FL= Foreign Language

Foreign Language Requirement (circle one)

- 1) Two semesters at 101/102 level or One semester at 200+ level
- 2) Proficiency exam (3rd year high school level or 1st year college level)
- 3) AP foreign language score of 4 or 5
- 4) IB higher level foreign language score of 5, 6, or 7

Upper Division Level Requirement

Three units at the upper division level outside the first major.

KNOWledge, Identity, and Power Requirement

One course. See Bulletin for details. Courses may also fulfill other program or graduation requirements.

BIOL 1111Image: Constraint of the second state of the second

THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

NOTES

- 1) Major requirements may be used to fulfill university cores.
- 2) Two upper-division Biology electives numbered from 312-496 (excluding 398); one of which must include a lab and one that must be completed on the Puget Sound campus.
- 3) Four units from: BIOL 312-496 (excluding 398); CHEM 250+; CSCI 141+; ENVR 105; EXSC 221, 222; GEOL 101+; MATH 150+; NRSC 201, 350; PHYS 111+. Two of these additional units can be from the Biology department.
- 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.

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.