THE UNIVERSITY OF PUGET SOUND

2020-2021 CURRICULUM GUIDE

NATURAL SCIENCE/BIOLOGY

DEGREE: BS

CONTACT PERSON: STACEY WEISS

A suggested four-year program:

Fall Semester Classes

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	1	CHEM 120/lab or CHEM 230/lab	1
FL (if needed) or Elective	1	FL (if needed) or Elective	1

Sophomore	Units		Units
BIOL 211/lab or BIOL 212/lab ¹	1	BIOL 212/lab or BIOL 211/lab ¹	1
Science elective 1 ²	1	MATH 150+ (MA core) or CSCI 141+	1
Elective	1	Approaches core	1
Approaches core	1	Approaches core	1

Junior	Units		Units
BIOL 213/lab ¹	1	BIOL elective 1 ¹	1
Science elective 2 ²	1	Science elective 3 ² or Elective	1
Elective	1	Elective	1
Elective	1	Elective	1

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

Puget Sound requires a total of 32 units to graduate

NOTES:

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

- 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 must include a lab; one must be completed on the Puget Sound Campus.
- 2) 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.
- 3) 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.

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.

THE UNIVERSITY OF PUGET SOUND

COURSE CHECKLIST NATURAL SCIENCE/BIOLOGY

CORE CURRICULUM

MAJOR REQUIREMENTS

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

KEY

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.

COURSE	UNITS	TERM	GRADE
BIOL 111*			
BIOL 112*			
BIOL 211			
BIOL 212			
BIOL 213			
BIOL elective 1**			
BIOL elective 2**			
CHEM 110 and 120			
OR			
CHEM 115 and 230*			
MATH 150+* or CSCI 141+			
Science elective 1***			
Science elective 2***			
Science elective 3***			
Science elective 4***			

THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

NOTES

- *Major requirements may be used to fulfill university cores.
- **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.
- ***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.