

# THE UNIVERSITY OF PUGET SOUND

2021-2022 CURRICULUM GUIDE

NATURAL SCIENCE/PHYSICS

DEGREE: BS

CONTACT PERSON: DAVID LATIMER

## A SUGGESTED four-year program:

Fall Semester Classes

Spring Semester Classes

Freshman	Units	Units	Units
SSI 1	1	SSI 2	1
PHYS 121/lab (NS core) <sup>1</sup>	1	PHYS 122/lab <sup>1</sup>	1
MATH 180 (MA core) <sup>2</sup>	1	MATH 181 <sup>2</sup>	1
FL (if needed) or elective	1	FL (if needed) or elective	1

Sophomore	Units	Units	Units
PHYS 221/lab <sup>1</sup> (Recommended Elective)	1	PHYS 222/lab <sup>1</sup> (Recommended Elective)	1
MATH 280 <sup>2</sup>	1	MATH 160 or CSCI 161 (or MATH 301) <sup>2</sup>	1
Science or Math elective 1 <sup>3</sup>	1	Science or Math elective 2 <sup>3</sup>	1
Approaches core	1	Approaches core	1

Junior	Units	Units	Units
PHYS major elective (305 suggested) <sup>1</sup>	1	PHYS major elective <sup>1</sup>	1
Science or Math elective 3 <sup>3</sup>	1	Science or Math elective 4 <sup>3</sup>	1
Approaches core	1	Elective	1
Elective	1	Elective	1

Senior	Units	Units	Units
Elective	1	Elective	1
CN core <sup>4</sup>	1	Elective	1
Elective	1	Elective	1
Elective	1	Elective	1

**Puget Sound requires a total of 32 units to graduate**

### NOTES

Completion of a minimum of 14 units to include:

- 1) Six units of Physics, all of which must be those normally counted toward a Physics major.
- 2) Four units of Mathematics: MATH 180, 181, 280, and one additional unit chosen from MATH 160 or 301\* or CSCI 161.  
\*MATH 301 generally has MATH 290 as a prerequisite.
- 3) Four additional units from Biology, Geology, Chemistry, Physics or Math/Computer Science (no more than two may be Physics courses).
- 4) 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/PHYSICS

### CORE CURRICULUM REQUIREMENTS

COURSE	Units	Term	Grade
SSI 1			
SSI 2			
AR			
HM			
MA (MATH 180)*			
NS (PHYS 121, 122)*			
SL			
CN			
<b>KEY</b>			
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		

**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

### MAJOR REQUIREMENTS

COURSE	Units	Term	Grade
PHYS 121*			
PHYS 122*			
PHYS 221			
PHYS 222			
PHYS major elective (305 suggested)			
PHYS major elective			
MATH 180*			
MATH 181			
MATH 280			
MATH 160 or 301* or CSCI 161			
Science/Math elective 1**			
Science/Math elective 2**			
Science/Math elective 3**			
Science/Math elective 4**			

**KNOWledge, Identity, and Power Requirement:**

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

**Upper Division Level Requirement:**

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

**THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS**

### NOTES

General university degree requirements stipulate that 1) at least four units of the major be taken in residence at Puget Sound; 2) students earn a GPA of 2.0 in courses taken for the major; and 3) all courses taken for a major must be taken for graded credit.

#Major requirements may be used to fulfill university cores.

Six units of Physics must be taken, all of which must be those normally counted toward a Physics major.

\*MATH 301 generally has MATH 290 as a prerequisite.

\*\*Four additional units of Biology, Geology, Chemistry, Physics, or Mathematics/Computer Science. No more than two of these may be Physics courses.