

# THE UNIVERSITY OF PUGET SOUND

## 2025-2026 CURRICULUM GUIDE

**DEPARTMENT: PHYSICS**

**DEGREE: BS**

**CONTACT PERSON: RACHEL PEPPER**

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

<i>Fall Semester Classes</i>		<i>Spring Semester Classes</i>	
<b>Freshman</b>	<b>Units</b>		<b>Units</b>
CONN 100-level	1	Critical Conversations Seminar (CCS)S	1
PHYS 121/lab <sup>1</sup> (NS/MA Division requirement)	1	PHYS 122/lab <sup>1</sup>	1
MATH 180 <sup>1</sup> (NS/MA Division requirement)	1	MATH 181 <sup>1</sup>	1
Language or Elective	1	Language or Elective	1
<b>Sophomore</b>	<b>Units</b>		<b>Units</b>
PHYS 221/lab	1	PHYS 222/lab	1
MATH 280	1	MATH 290	1
Division requirement 2 or Elective	1	Division requirement 2 or Elective	1
Division requirement 3 or KNOW	1	Division requirement 3 or KNOW	1
<b>Junior</b>	<b>Units</b>		<b>Units</b>
PHYS 305 <sup>3</sup>	1	PHYS elective 200+ <sup>2</sup>	1
PHYS 351 <sup>3</sup>	1	PHYS 352	1
MATH 301	1	CONN 200+ 1 or Elective	1
CONN 200+ 1 or Elective	1	Elective	1
<b>Senior</b>	<b>Units</b>		<b>Units</b>
PHYS 411	1	KNOW 300+ or Elective	1
PHYS elective 300+ <sup>2</sup>	1	Elective (recommended: PHYS 310, 322)	1
CONN 200+ 2 or Elective	1	CONN 200+ 2 or Elective	1
KNOW 300+ or Elective	1	Elective	1

**Fulfillment of the Experiential Learning and KNOW requirements\* and at least 32 units required to graduate**

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

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

- 1) Any Physics, Mathematics, Computer Science, or Earth and Environmental Science course that counts for the major also satisfies the Natural Sciences/Mathematics (NS/MA) Division requirement.
- 2) One PHYS elective at the 200 level or higher and one elective at the 300 level or higher from PHYS 209, 231, 299, 310, 322, 363, 412, or 493.
- 3) MATH 301 to be taken prior to or concurrently with PHYS 305, 351.

# THE UNIVERSITY OF PUGET SOUND

## COURSE CHECKLIST DEPARTMENT: PHYSICS

SOUND CONNECTIONS CORE (Passing grade required in all)			MAJOR REQUIREMENTS (15 units; Min. 2.0 GPA required for all 100-200 level PHYS and MATH courses **)		
COURSE	Units	Complete	COURSE	Units	Complete
<b>First Year Experience (2 units):</b>			PHYS 121	1	<input type="checkbox"/>
1) Connections 100-level (CONN 1xx)		<input type="checkbox"/>	PHYS 122**	1	<input type="checkbox"/>
2) Critical Conversations Seminar (CCS)		<input type="checkbox"/>	PHYS 221**	1	<input type="checkbox"/>
<b>Division Requirements:</b> At least 1 course from each of 3 Divs. (3 units)			PHYS 222	1	<input type="checkbox"/>
1) Arts/Humanities (AR/HM)		<input type="checkbox"/>	PHYS 305	1	<input type="checkbox"/>
2) Social Sciences/History (SS/HS)		<input type="checkbox"/>	PHYS 351	1	<input type="checkbox"/>
3) Natural Sciences/Mathematics (NS/MA) <sup>1</sup>		<input type="checkbox"/>	PHYS 352	1	<input type="checkbox"/>
<b>Connections (2 requirements):</b>			PHYS 411	1	<input type="checkbox"/>
1) CONN 200+ 1		<input type="checkbox"/>	PHYS elective 200+ <sup>2</sup>	1	<input type="checkbox"/>
2) CONN 200+ 2		<input type="checkbox"/>	PHYS elective 300+ <sup>3</sup>	1	<input type="checkbox"/>
<b>Language Requirement-</b> Meet in 1 of following 3 ways (0-2 units):			MATH 180	1	<input type="checkbox"/>
1) Two courses approved for Language requirement (2 units)		<input type="checkbox"/>	MATH 181	1	<input type="checkbox"/>
2) <b>One</b> approved Language course <b>if either of the following are true (1 unit):</b> A. Scored 4 or 5 on AP foreign language exam OR 5, 6, or 7 on IB higher level language exam, <b>or</b> B. Heritage Learner: non-English language spoken at home; bilingual to some degree.		<input type="checkbox"/>	MATH 280	1	<input type="checkbox"/>
3) High School diploma is from school where primary language of instruction was not in English (0 units)		<input type="checkbox"/>	MATH 290	1	<input type="checkbox"/>
<b>Experiential Learning Requirement (EL):</b> Meet via 1 of 4 options; Can double count. See Advisor for details. (0-1 unit)			MATH 301	1	<input type="checkbox"/>
EL Course		<input type="checkbox"/>	<b>THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS</b>		
<b>KNOWledge, Identity &amp; Power Requirements:</b> Two courses. See the '25-26 Bulletin for details. Courses may also fulfill other program/graduation requirements (0-2 units)					
KNOW course		<input type="checkbox"/>			
KNOW 300+ level course		<input type="checkbox"/>			

### NOTES:

A minimum GPA of 2.0 is required for courses in the major. All courses must be taken for graded credit.

\*\*A minimum grade of C- is required in Physics 122 to continue on to Physics 221, and a minimum grade of C- in Physics 221 is required to continue on to Physics 222.

The BS in Physics has two grade level requirements in the first two years of course work. The department chair may waive these requirements under appropriate circumstances (not applicable to students pursuing BA in Physics, Engineering, dual-Degree).

To pursue the major with 300 level courses and higher, a GPA of at least 2.0 is required for all required 100 and 200 level physics courses required for the major and all of the required 100 and 200 level math courses.

1) Courses that count toward a Physics major also satisfy the Natural Sciences/Mathematics (NS/MA) Division requirement.

2) One Physics elective at the 200 level or higher

3) One Physics elective at the 300 level or higher from the following: PHYS 209, 231, 299, 310, 322, 363, 412, or 493.