## THE UNIVERSITY OF PUGET SOUND

2019-2020 CURRICULUM GUIDE

PHYSICS DEGREE: BS

CONTACT PERSON: DAVID LATIMER

#### A suggested four-year program:

#### Fall Semester Classes

Spring Semester Classes

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

Sophomore	Units		Units
PHYS 221/lab	1	PHYS 222/lab	1
MATH 280	1	MATH 290	1
Approaches core	1	Elective	1
Elective	1	Approaches core	1

Junior	Units		Units
PHYS 305 <sup>2</sup>	1	PHYS elective 200+ <sup>1</sup>	1
PHYS 351 <sup>2</sup>	1	PHYS 352	1
MATH 301	1	Elective	1
Elective	1	Elective	1

Senior	Units		Units
PHYS 411	1	Elective (recommended PHYS 412)	1
PHYS elective 300+ <sup>1</sup>	1	Elective (recommended: PHYS 310, 322)	1
CN core <sup>3</sup> or Elective	1	CN core <sup>3</sup> or Elective	1
Elective	1	Elective	1

Puget Sound requires a total of 32 units to graduate

#### **NOTES:**

- 1) One elective at the 200 level or higher and one elective at the 300 level or higher from PHYS 209, 231, 299, 310, 322, 412, 494.
- 2) MATH 301 to be taken prior to or concurrently with PHYS 305, 351.
- 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.

### THE UNIVERSITY OF PUGET SOUND

COURSE CHECKLIST **PHYSICS** 

#### **CORE CURRICULUM**

#### MAJOR REQUIREMENTS

**GRADE** 

UNIVERSITY CORE	CRS	TERM	GRADE	COURSE	UNITS	TERM
SSI 1				PHYS 121		
SSI 2				PHYS 122		
AR				PHYS 221		
НМ				PHYS 222		
MA (MATH 180)				PHYS 305		
NS (PHYS 121, 122)				PHYS 351		
SL				PHYS 352		
CN				PHYS 411		
<u>KEY</u>				PHYS elective 200+*		
SSI1= Seminar in Scholarly Inquiry1 M	MA= Mathema	tical Appro	oaches	PHYS elective 300+*		

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.

# THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

#### NOTES

MATH 180

**MATH 181** 

**MATH 280** 

**MATH 290** 

**MATH 301** 

\*One elective at the 200 level or higher and one elective at the 300 level or higher from PHYS 209, 231, 299, 310, 322, 412, 494. A minimum GPA of 2.0 is required for courses in the major and for prerequisite courses. All courses must be taken for graded credit. 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):

- A minimum grade of C<sup>-</sup> is required in Physics 122 to continue on to Physics 221, and a minimum grade of C<sup>-</sup> in Physics 221 is required to continue on to Physics 222.
- 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.