THE UNIVERSITY OF PUGET SOUND

2016-2017 CURRICULUM GUIDE

PHYSICS DEGREE: BS

CONTACT PERSON: RAND WORLAND

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 |
| Approaches core | 1 | Approaches core | 1 |

| Junior | Units | | Units |
|----------|-------|---------------------------------|-------|
| PHYS 305 | 1 | PHYS elective 200+ ¹ | 1 |
| PHYS 351 | 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+ ¹ | 1 | Elective (recommended: PHYS 310, 322) | 1 |
| Elective | 1 | Elective | 1 |
| Elective | 1 | CN core ² | 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) 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

| UNIVERSITY CORE | CRS | TERM | GRADE | COURSE | UNITS | TERM | |
|---|-----------------|----------|---------------------|---------------------|-------|------|--|
| SSI1 | | | | PHYS 121 | | | |
| SSI2 | | | | 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 | | | |
| KEY | | | PHYS elective 200+* | | | | |
| SSI1= Seminar in Scholarly Inquiry1 MA= Mathematical Approaches | | | | PHYS elective 300+* | | | |
| SSI2= Seminar in Scholarly Inquiry2 AR - Artistic Approaches | NS= Natural Sci | MATH 180 | | | | | |

AR= Artistic Approaches HM= Humanistic 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
- 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

THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

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.

NOTES

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.

For students pursuing the BS in Physics, there are two grade level requirements in the first two years of course work. The department chair may waive these requirements under appropriate circumstances. Students pursuing the BA in Physics for the Dual Degree Engineering program and other students interested in upper level physics courses are not subject to these requirements.

- A grade of C- is required in Physics 122 to continue on to Physics 221, and a grade of C- in Physics 221 is required to continue on to Physics 222.
- To pursue the major with 300 level courses and higher, a GPA of 2.0 is required for all 100 and 200 level physics courses required for the major, and a GPA of 2.0 is required for all 100 and 200 level math courses required for the major.