**THE UNIVERSITY OF PUGET SOUND**

2014-2015 CURRICULUM GUIDE

**PHYSICS**

DEGREE: BS

CONTACT PERSON: GREGORY ELLIOTT

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **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 |
|  |  |  |  |  |
| Elective |  | 1 | MATH 290 | 1 |
|  |  |  |  |  |
| MATH 280 |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Approaches core |  | 1 | Approaches core | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
| **Junior** | **Units** | |  | **Units** |
|  |  | |  |  |
| PHYS 305 |  | 1 | PHYS elective1 | 1 |
|  |  |  |  |  |
| PHYS 351 |  | 1 | PHYS 352 | 1 |
|  |  |  |  |  |
| MATH 301 |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Approaches core |  | 1 | Elective | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
| **Senior** | **Units** | |  | **Units** |
|  |  | |  |  |
| PHYS 411 |  | 1 | Elective (recommended PHYS 412) | 1 |
|  |  |  |  |  |
| PHYS elective1 |  | 1 | Elective (recommended: PHYS 310, 322) | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Elective |  | 1 | CN core2 | 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 |
|  |  |  |  |  |
| SSI1 |  |  |  |  |
|  |  |  |  |  |
| SSI2 |  |  |  |  |
|  |  |  |  |  |
| AR |  |  |  |  |
|  |  |  |  |  |
| HM |  |  |  |  |
|  |  |  |  |  |
| MA (MATH 180) |  |  |  |  |
|  |  |  |  |  |
| NS (PHYS 121, 122) |  |  |  |  |
|  |  |  |  |  |
| SL |  |  |  |  |
|  |  |  |  |  |
| CN |  |  |  |  |
|  | |  |  |  |
| **KEY** | | | | |
| SSI1= Seminar in Scholarly Inquiry1 | MA= Mathematical Approaches | | | |
| SSI2= Seminar in Scholarly Inquiry2 | NS= Natural Scientific Approaches | | | |
| AR= Artistic Approaches | SL= Social Scientific Approaches | | | |
| HM= Humanistic 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

COURSE UNITS TERM GRADE

**Upper Division Level Requirement**

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

PHYS 121

PHYS 122

PHYS 221

PHYS 222

PHYS 305

PHYS 351

PHYS 352

PHYS 411

PHYS elective\*

PHYS elective\*

MATH 180

MATH 181

MATH 280

MATH 290

MATH 301

**THIS FORM IS**

**NOT AN**

**OFFICIAL GRADUATION ANALYSIS**

**NOTES**

\* 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.

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