**THE UNIVERSITY OF PUGET SOUND**

2014-2015 CURRICULUM GUIDE

**NATURAL SCIENCE/BIOLOGY**

DEGREE: BS

CONTACT PERSON: ALYCE DEMARAIS

|  |  |  |
| --- | --- | --- |
|  | **A suggested four-year program:** |  |
| *Fall Semester Classes* |  | *Spring Semester Classes* |  |
|  |  |  |  |
| **Freshman** | **Units** |  | **Units** |
|  |  |  |  |
| SSI 1 |  | 1 | SSI 2 | 1 |
|  |  |  |  |  |
| BIOL 111/lab (NS core) |  | 1 | BIOL 112/lab | 1 |
|  |  |  |  |  |
| CHEM 110/lab or CHEM 115/lab2\* |  | 1 | CHEM 120/lab or CHEM 230/lab2\* | 1 |
|  |  |  |  |  |
| FL (if needed) or elective |  | 1 | FL (if needed) or elective | 1 |
|  |  |  |  |  |
|  |  |  |  |
| **Sophomore** | **Units** |  | **Units** |
|  |  |  |  |
| BIOL 211/lab or BIOL 212/lab |  | 1 | BIOL 212/lab or BIOL 211/lab | 1 |
|  |  |  |  |  |
| MATH 150 + (MA core) or elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Approaches core |  | 1 | Approaches core | 1 |
|  |  |  |  |  |
|  |  |  |  |
| **Junior** | **Units** |  | **Units** |
|  |  |  |  |
| BIOL 311/lab |  | 1 | BIOL elective (312-389 or 400-489) | 1 |
|  |  |  |  |  |
| Science elective1 |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Approaches core |  | 1 | Elective | 1 |
|  |  |  |  |  |
| PHYS 111 (or 121) or GEOL course |  | 1 | PHYS 112 (or 122) or GEOL course | 1 |
|  |  |  |  |  |
|  |  |  |  |
| **Senior** | **Units** |  | **Units** |
|  |  |  |  |
| Science elective1 |  | 1 | Science elective1 | 1 |
|  |  |  |  |  |
| Elective |  | 1 | CN core3 | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Elective | 1 |
|  |  |  | **Puget Sound requires a total of 32 units to graduate.** |  |
|  |  |  |  |

**NOTES:**

1. Science electives must be from BIOL (312-496 excluding 398), CHEM 250 or higher, ENVR 105, EXSC 221/222, GEOL, MATH 150 or higher, CSCI 161 or higher, or PHYS 111 or higher. (See restrictions in *Bulletin*. Students may not meet two major requirements with a single course.) At least two units in the major must be at the 300/400 level. Students electing PHYS 121/122 should take MATH 180 first.
2. Math can be delayed for a year or two, but Chemistry should be taken in the freshman year.

 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.

\* First-year Chemistry requirements: CHEM 110 and 120 or CHEM 115 and 230

**THE UNIVERSITY OF PUGET SOUND**

COURSE CHECKLIST

**NATUAL SCIENCE/BIOLOGY**

**CORE CURRICULUM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| UNIVERSITY CORE |  | CRS | TERM | GRADE |
|  |  |  |  |  |
| SSI1 |  |  |  |  |
|  |  |  |  |  |
| SSI2 |  |  |  |  |
|  |  |  |  |  |
| AR |  |  |  |  |
|  |  |  |  |  |
| HM |  |  |  |  |
|  |  |  |  |  |
| MA (MATH 150, CSCI 161)# |  |  |  |  |
|  |  |  |  |  |
| NS (BIOL 111)# |  |  |  |  |
|  |  |  |  |  |
| 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

**Upper Division Level Requirement**

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

**MAJOR REQUIREMENTS**

COURSE UNITS TERM GRADE

BIOL 111#

BIOL 112#

BIOL 211

BIOL 212

BIOL 311

BIOL elective\*

CHEM 110 and 120

OR

CHEM 115 and 230#

PHYS 111 (or 121) or GEOL #

PHYS 112 (or 122) or GEOL#

MATH 150+ (or CSCI 161+) #

Science elective 1\*\*

Science elective 2\*\*

Science elective 3\*\*

**THIS FORM IS**

**NOT AN**

**OFFICIAL GRADUATION ANALYSIS**

**NOTES**

# Major requirements may be used to fulfill university cores.

* One upper-division Biology elective numbered from 312-389 or 400-489, to be completed on the Tacoma campus.
* Three units from: BIOL 312-496 (excluding 398); CHEM 250 or higher; CSCI 161 or higher; ENVR105; EXSC 221, 222; GEOL; MATH 150 or higher; NRSC 201; PHYS 111 or higher.

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