**THE UNIVERSITY OF PUGET SOUND**

2014-2015 CURRICULUM GUIDE

**NATURAL SCIENCE/CHEMISTRY**

DEGREE: BS

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|  |  |  |  |
| --- | --- | --- | --- |
| **A suggested four-year program:** | | |  |
| *Fall Semester Classes* |  | *Spring Semester Classes* |  |
|  |  |  |  |
| **Freshman** | **Units** |  | **Units** |
|  |  |  |  |
| SSI 1 | 1 | SSI 2 | 1 |
|  |  |  |  |
| CHEM 110/lab or CHEM 115/lab (NS core)\* | 1 | CHEM 120/lab or 230/lab | 1 |
|  |  |  |  |
| MATH 180 (or higher) (MA core) | 1 | MATH 181 (or higher) | 1 |
|  |  |  |  |
| FL (if needed) or elective | 1 | FL (if needed) or elective | 1 |
|  |  |  |  |
|  |  |  |  |
| **Sophomore** | **Units** |  | **Units** |
|  |  |  |  |
| CHEM 250/lab | 1 | CHEM 251/lab | 1 |
|  |  |  |  |
| PHYS 121 (or 111) or BIOL 111 | 1 | PHYS 122 (or 112) or BIOL 112 | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
| Approaches core | 1 | Approaches core | 1 |
|  |  |  |  |
|  |  | CHEM 231 (if needed)\* | 0.5 |
|  |  |  |  |
|  |  |  |  |
| **Junior** | **Units** |  | **Units** |
|  |  |  |  |
| CHEM 340 | 1 | Chemistry Course | 1 |
|  |  |  |  |
| Science elective 1\*\* | 1 | Science elective 2 \*\* | 1 |
|  |  |  |  |
| Approaches core | 1 | Elective | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
|  |  |  |  |
| **Senior** | **Units** |  | **Units** |
|  |  |  |  |
| Science elective 3\*\* | 1 | Science elective 4\*\* | 1 |
|  |  |  |  |
| CN core1 | 1 | Elective | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
|  |  | **Puget Sound requires a total of 32 units to graduate.** | |

**NOTES:**

Six units of Chemistry normally counted toward the major are required; thus substitutions may be made through advising.

1. 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.

\*Either CHEM 110 and 120 or 115 and 230 serve as prerequisites for CHEM 250. Chemistry majors who take the 110/120 sequence will also need to take 231. Students enrolling in Chem 231 may have up to 4.5 academic units without incurring additional tuition fees.

\*\*Four additional units of Biology, Chemistry, Geology, Physics or Math/Computer Science (all courses normally counted toward a major.). No more than two may be CHEM courses.

Must maintain a minimum GPA of 2.00 in all graded courses, including transfer courses, in the major.

**THE UNIVERSITY OF PUGET SOUND**

COURSE CHECKLIST

**NATUAL SCIENCE/CHEMISTRY**

**CORE CURRICULUM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| UNIVERSITY CORE |  | CRS | TERM | GRADE |
|  |  |  |  |  |
| SSI1 |  |  |  |  |
|  |  |  |  |  |
| SSI2 |  |  |  |  |
|  |  |  |  |  |
| AR |  |  |  |  |
|  |  |  |  |  |
| HM |  |  |  |  |
|  |  |  |  |  |
| MA (MATH 180#) |  |  |  |  |
|  |  |  |  |  |
| NS (CHEM 110#) |  |  |  |  |
|  |  |  |  |  |
| 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

CHEM 110, 120 and 231 2.5

OR

CHEM 115 and 230 2

CHEM 250## 1

CHEM 251## 1

CHEM 340## 1

CHEM Course## 1

MATH 180 (or higher) 1

MATH 181 (or higher) 1

PHYS 111 (or121) or BIOL 111 1

PHYS 112 (or 122) or BIOL 112 1

Science elective 1\* 1

Science elective 2\* 1

Science elective 3\*\* 1

Science elective 4\*\* 1

**THIS FORM IS**

**NOT AN**

**OFFICIAL GRADUATION ANALYSIS**

**NOTES**

# These major requirements may be used to fulfill University cores.

## Four units of Chemistry normally counted toward the major are required; thus substitutions may be made through advising.

\*Four additional units of Biology, Chemistry, Geology, Physics or Math/Computer Science (all courses normally counted toward a major).

\*\*No more than two may be Chemistry courses.

Must maintain a minimum GPA of 2.00 in all graded courses, including transfer courses, in the major.

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