**THE UNIVERSITY OF PUGET SOUND**

2014-2015 CURRICULUM GUIDE

**GEOLOGY**

DEGREE: BS

CONTACT PERSON: MICHAEL VALENTINE

|  |  |
| --- | --- |
| **A suggested four-year program:** |  |
| *Fall Semester Classes* |  | *Spring Semester Classes* |  |
|  |  |  |  |
| **Freshman** | **Units** |  | **Units** |
|  |  |  |  |
| SSI 1 | 1 | SSI 2 | 1 |
|  |  |  |  |
| GEOL 101, 104 or 110 | 1 | GEOL 200 | 1 |
|  |  |  |  |
| CHEM 110 or 115 (NS core) | 1 | CHEM 120 or 230 | 1 |
|  |  |  |  |
| FL (if needed) or elective | 1 | FL (if needed) or elective | 1 |
|  |  |  |  |
|  |  |  |  |
| **Sophomore** | **Units** |  | **Units** |
|  |  |  |  |
| GEOL Elective\*\*\* | 1 | GEOL 206\* or GEOL 302\* | 1 |
|  |  |  |  |
| MATH 180 (MA core) | 1 | MATH 181 (or 150 or 160)  | 1 |
|  |  |  |  |
| Approaches core | 1 | Approaches core | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
|  |  | SUMMER FIELD CAMP |  |
| **Junior** | **Units** |  | **Units** |
|  |  |  |  |
| GEOL 305, 306, 330,340\*\* OR GEOL Elective\*\*\* | 1 | GEOL 206\* or GEOL 302\* | 1 |
|  |  |  |  |
| PHYS 121 (or 111) | 1 | PHYS 122 (or 112) | 1 |
|  |  |  |  |
| Approaches core | 1 | Elective | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
|  |  | SUMMER—Begin Thesis and/or FIELD CAMP |  |
| **Senior** | **Units** |  | **Units** |
|  |  |  |  |
| GEOL 305, 306, 330,340\*\* OR GEOL Elective\*\*\* | 1 | GEOL 305, 306, 330,340\*\* OR GEOL Elective\*\*\* | 1 |
|  |  |  |  |
| GEOL 492\*\*\*\* | 1 | CN core1 or elective | 1 |
|  |  |  |  |
| Elective or CN core1 | 1 | Elective | 1 |
|  |  |  |  |
| Elective | 1 | Elective | 1 |
|  |  |  |  |
|  |  | **Puget Sound requires a total of 32 units to graduate.**  |  |

**NOTES:**

\*Some GEOL major courses are not offered every year. Those major courses need not be taken in the sequence above. Consult your advisor.

* One unit from 305, 306, 330, or 340.
* Geology Elective, three units from the following: GEOL 301, 303, 304, 305, 306, 307, 310, 320, 330, 340.

\*\*\*\* While not required, thesis (GEOL 492) is still an option and the department encourages majors to take this course.

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.

**THE UNIVERSITY OF PUGET SOUND**

COURSE CHECKLIST

**GEOLOGY**

|  |  |  |
| --- | --- | --- |
| **CORE CURRICULUM** | **MAJOR REQUIREMENTS** |  |
| UNIVERSITY CORE |  | CRS | TERM | GRADE |  | COURSE | UNITS | TERM | GRADE |  |
| SSI1 |  |  |  |  | GEOL 101, 104, or 110 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| SSI2 |  |  |  |  |  | GEOL 200 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| AR |  |  |  |  |  | GEOL 206 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| HM |  |  |  |  |  | GEOL 302 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| MA (MATH 180) |  |  |  |  |  | GEOL 4923 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| NS (CHEM 110) |  |  |  |  |  | **One unit** from: GEOL 305, 306, 330, or 340 |  |  |  |  |
| SL |  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  Geology Elective 11 |  |  |  |  |
| CN |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Geology Elective 21 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **KEY**SSI1= Seminar in Scholarly Inquiry1 MA= Mathematical ApproachesSSI2= Seminar in Scholarly Inquiry2 NS= Natural Scientific Approaches AR= Artistic Approaches HM= Humanistic Approaches SL= Social Scientific Approaches CN= Connections FL= Foreign Language |  |  |  |  |
|  |  |  |  |  |  |
|  | Geology Elective 31 |  |  |  |  |
|  |  |  | GEOL Summer Field Camp2 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | CHEM 110 and 120 OR CHEM 115 and 230 |  |  |  |  |
| **Foreign Language Requirement** (circle one)1) Two semesters at 101/102 level or One semester at 200+ level2) Proficiency exam (3rd year high school level or 1st year college level)3) AP foreign language score of 4 or 54) IB higher level foreign language score of 5, 6, or 7 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  | MATH 180 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | MATH 181 (or 150 or 160) |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | PHYS 111 (or 121) |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | PHYS 112 (or 122) |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Upper Division Level Requirement**Three units at the upper division level outside the first major. |  |  |  |  |  |  |  |
|  | **THIS FORM IS****NOT AN****OFFICIAL GRADUATION ANALYSIS** |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |  |  |

**NOTES**

A grade of C or better must be received in all Geology department courses.

1. Three units from the following: GEOL 301, 303, 304, 305, 306, 307, 310, 320, 330, 340.  **Note** that one of GEOL 305/306/330/340 is **required** for the major.
2. A departmentally-approved Geology field camp: a 4-6 week field course (offered by various universities) is usually taken between the junior and senior year. No specific credit requirement exists for the camp, though 1.0 unit of credit is normally awarded in transfer.
3. While not required, thesis (GEOL 492) is still an option and the department encourages majors to take this course.