

**Bachelor of Science - Geology - Environmental Concentration
First Time Freshman Academic Roadmap**

| Year 1: Freshman Year | | | | Year Total | | | | 29 |
|----------------------------------|---------------|----------------------|-----------|---------------------------|---------------|----------------------|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| GEOL 1000, 1020, or 1060 (GE 5A) | Fall & Spring | | 3 | GEOL 2000 | Spring | | 4 | |
| GEOL 1000L or 1060L (GE 5C) | Fall & Spring | | 1 | CHEM 2100 | Fall & Spring | | 4 | |
| MATH 1401(GE 2) | Fall & Spring | | 4 | CHEM 2100L | Fall & Spring | | 1 | |
| Oral Communication (GE 1C) | Fall & Spring | | 3 | Critical Thinking (GE 1B) | Fall & Spring | | 3 | |
| Written Communication (GE 1A) | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| Semester Total | | | 14 | Semester Total | | | 15 | |

| Year 2: Sophomore Year | | | | Year Total | | | | 33 |
|------------------------|---------------|---------------------------------------|-----------|-----------------------|---------------|----------------------------------|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| CHEM 2200 | Fall & Spring | CHEM 2100 with a grade of C or better | 4 | GEOL 3220 | Spring | GEOL 3200 | 4 | |
| CHEM 2200L | Fall & Spring | CHEM 2200 (Corequisite) | 1 | GEOL 3240 | Spring | GEOL 3200 with grade C or better | 4 | |
| GEOL 3100 | Fall | GEOL 1000+L or GEOG 1030 | 3 | GEOL 3903 | Fall & Spring | | 3 | |
| GEOL 3200 | Fall | GEOL 1001+L, and CHEM 2050 or 2100 | 5 | MATH 1601 or 2210 | Fall & Spring | | 3 | |
| General Education | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| Semester Total | | | 16 | Semester Total | | | 17 | |

| Year 3: Junior Year | | | | Year Total | | | | 31 |
|-----------------------|---------------|-------------------------------------|-----------|------------------------|---------------|---|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| GEOL 3300 | Fall | GEOL 1000+L or GEOG 1030, BIOL 1000 | 3 | GEOL 3600 | Fall & Spring | GEOL 1000+L; PHYS 1000, 2000, or 2500 | 4 | |
| GEOL 3700 | Fall | Any 1000-level GEOL course with lab | 3 | GEOL 3990 (WI) | Fall & Spring | | 3 | |
| PHYS 2000 or 2500 | Fall & Spring | Varies | 4 | GEOL 4100 | Fall & Spring | GEOL 3100 with a grade of "C" or better | 4 | |
| PHYS 2000L or 2500L | Fall & Spring | Varies | 1 | General Education | Fall & Spring | | 3 | |
| General Education | Fall & Spring | | 3 | General Education (UD) | Fall & Spring | | 3 | |
| Semester Total | | | 14 | Semester Total | | | 17 | |

| Year 4: Senior Year | | | | Year Total | | | | 28 |
|---------------------------|---------------|--|-----------|------------------------|---------------|--|------------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| GEOL 3903 or 3902 | Fall & Spring | GEOL 3100 with a grade of "C" or better | 3 | GEOL 4900 | Spring | GEOL 4000 with a grade of "C-" or better | 2 | |
| GEOL 4000 | Fall | GEOL 3990 with a grade of "C-" or better | 2 | Concentration Elective | Fall & Spring | Varies | 3 | |
| Concentration Elective | Fall & Spring | Varies | 3 | General Education (UD) | Fall & Spring | | 3 | |
| General Education | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| General Education (UD) | Fall & Spring | | 3 | Free Elective* | Fall & Spring | | 3 | |
| Semester Total | | | 14 | Semester Total | | | 14 | |
| Degree Units Total | | | | | | | 121 | |

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The roadmap is an academic planning resource. Students should refer to their PAWS Report and Academic Catalog for graduation requirements.

*Note that students may require additional GE courses or supporting Math coursework