**Geology, B.A. or B.S.**

**\*Sample Guided Pathway**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fall Year 1 |  |  | Spring Year 1 |  |
| Course and Title | Credits |  | Course and Title | Credits |
| GEL 101 - Physical Geology  | 4 |  | GEL 102 - Evolution of the Earth | 4 |
| CHE 111 - Fund. Prin. of Chemistry I  | 4 |  | CHE 112 - Fund. Prin. of Chemistry II  | 4 |
| MAT 224 - Calculus I  | 4 |  | MAT 225 - Calculus II  | 4 |
| MAT 104 - Trigonometry | 1 |  | US Civ/Western Civ or other Gen Ed | 3 |
| ENG 101 - College Writing | 3 |  |  |  |
|  |  |  |  |  |
| Total Semester Credits | 16 |  | Total Semester Credits | 15 |
|  |  |  |  |  |
| Fall Year 2 |  |  | Spring Year 2 |  |
| Course and Title | Credits |  | Course and Title | Credits |
| GEL 310 - Mineral/Optical Mineralogy | 4 |  | GEL 323 - Igneous/Metamorphic Petro. | 4 |
| World Sys/Language or other Gen Ed | 3 |  | Oral Expression or other Gen Ed | 3 |
| Arts/Humanities or other Gen Ed | 3 |  | Liberal Arts Elective | 3 |
| Social Science or other Gen Ed | 3 |  | Liberal Arts Elective | 3 |
| LIB 200 - Critical Research Skills | 1 |  | Liberal Arts Elective | 3 |
|  |  |  |  |  |
| Total Semester Credits | 14 |  | Total Semester Credits | 16 |
|  |  |  |  |  |
| Fall Year 3 |  |  | Spring Year 3 |  |
| Course and Title | Credits |  | Course and Title | Credits |
| GEL 307 - Geochemistry | 3 |  | GEL 341 - Geomorphic Processes | 4 |
| ENV/GEL XXX - Major Restricted Elective #1 | 3 |  | GEL 343 - Hydrology | 4 |
| PHY 111 - General Physics I | 4 |  | PHY 112 - General Physics II | 4 |
| Global Issues Gen Ed | 3 |  | Elective | 3 |
| Elective | 3 |  |  |  |
|  |  |  |  |  |
| Total Semester Credits | 16 |  | Total Semester Credits | 15 |
|  |  |  |  |  |
| Fall Year 4 |  |  | Spring Year  |  |
| Course and Title | Credits |  | Course and Title | Credits |
| GEL 451 - Field Methods and Structures | 4 |  | ENV/GEL XXX - Major Restricted Elective #3 | 4 |
| GEL 440 - Geology Seminar | 3 |  | GEL 324 - Sedimentology | 4 |
| ENV/GEL XXX - Major Restricted Elective #2 | 3 |  | Upper Division Elective | 3 |
| Upper Division Elective | 3 |  | Upper Division Elective | 3 |
| Upper Division Elective | 3 |  |  |  |
|  |  |  |  |  |
| Total Semester Credits | 16 |  | Total Semester Credits | 14 |

\* This represents an example of a suggested 4-year program pathway. Please consult DegreeWorks and your Advisor for your specific curriculum plan. Program pathways may change based on course availability.