**Geo-Environmental Studies- Geoscience 2022-2023**

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| **Freshman Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | UNV 1000  | Freshman Seminar  | 1 |  | ENG 1060 | Composition II | 3 |
|  | ENG 1050 | Composition I | 3 |  | GLY 1250 | Earth History | 3 |
|  | MAT 1090 | Precalculus  | 3 |  | GLYL 1250 | Earth History Laboratory  | 1 |
|  | General Education  | Fine Art | 3 |  | MAT 2150 or MAT 2210 | Calculus with Applications or Calculus I  | 4 |
|  | GLY 1150  | Earth Science  | 3 |  | GGY 1010 or 1020 | Principles of Geography or World Regional Geography | 3 |
|  | GLYL 1150 | Earth Science Lab | 1 |  | General Education  | Physical Education | 1 |
|  | General Education  | Physical Education | 1 |  |  |  |  |
| **Total Credits**  | 15 |  | **Total Credits**  | 15 |

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| **Sophomore Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | CHM 1300 | General Chemistry I  | 3 |  | GLY 2620 | Environmental Geology | 3 |
|  | CHM 1100 | General Chemistry I Lab | 1 |  | CHM 1310 | General Chemistry II  | 3 |
|  | BIO 1000 | Principles of Biology | 3 |  | CHM 1110 | General Chemistry II Lab | 1 |
|  | General Education  | History | 3 |  | MAT 2100 | Intro to Statistics  | 3 |
|  | GGY 2500 | Introduction to Cartography | 3 |  | General Education  | Elective  | 3 |
|  | PLS 1000 | Intro to Poli Sci | 3 |  | University Wide Electives |  | 3 |
| **Total Credits** | 16 |  | **Total Credits** | 16 |

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| **Junior Year** |
| Fall | Spring |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | GLY 3100 | Minerals and Rocks | 3 |  | BIO 3040 | Principles of Ecology | 4 |
|  | GLY 3110 | Minerals and Rocks Laboratory | 1 |  | GGY/GLY 3XXX-4XXX |  | 3 |
|  | Upper Level Science  | 2xxx-4xxx BIO, ENV, CSC, CHM, PHY, EGR, GLY, GGY or MAT 2220, 3000 or higher | 3-4 |  | Upper Level Science  | 2xxx-4xxx BIO, ENV, CSC, CHM, PHY, EGR, GLY, GGY or MAT 2220, 3000 or higher | 3-4 |
|  | Upper Level Science  | 2xxx-4xxx BIO, ENV, CSC, CHM, PHY, EGR, GLY, GGY or MAT 2220, 3000 or higher | 3-4 |  | GLY 4700 (WD) | Writing in the Geosciences  | 3 |
|  | General Education  | Social Science | 3 |  | General Education  | Philosophy/Religion | 3 |
| **Total Credits** | 15-16 | **Total Credits** | 16-17 |

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| **Senior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | GGY 4100 | Land Use Planning | 3 |  | GGY 4010 or GLY 4010 or Approved Field Course | Internship in Geography or Geology Internship  | 3 |
|  | GGY/GLY 3XXX-4XXX  |  | 3 |  | Upper Level Science  | 2xxx-4xxx BIO, ENV, CSC, CHM, PHY, EGR, GLY, GGY or MAT 2220, 3000 or higher | 3-4 |
|  | General Education | Literature | 3 |  | University Wide Electives |  | 3 |
|  | University Wide Electives |  | 3 |  | University Wide Electives |  | 3 |
|  | University Wide Electives |  | 3 |  |  |  |  |
| **Total Credits** |  | **Total Credits** | 15 |  |  |  | 12-13 |