**3-PLUS-2 UNC-P Geo-Environmental Studies Curriculum Plan- Environmental Engineering**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Freshman Year** | | | | | | | |
| **Fall** | | | | **Spring** | | | |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | ENG 1050 | Composition I | 3 |  | ENG 1060 | Composition II | 3 |
|  | CHM 1300 | General Chemistry | 3 |  | CHM 1310 | Gen Chemistry II | 3 |
|  | CHM 1100 | General Chemistry Lab I | 1 |  | CHM 1110 | Gen Chemistry II Lab | 1 |
|  | MAT 2210 | Calculus I | 4 |  | MAT 2220 | Calculus II | 4 |
|  | GLY 1150 | Earth Science | 3 |  | GLY 1250 | Earth History | 3 |
|  | GLYL 1150 | Earth Science Lab | 1 |  | GLYL 1250 | Earth History Lab | 1 |
|  | UNV 1000 | Freshman Seminar | 1 |  | General Education | Fine Art\* | 3 |
| **Total Credits** | | | 16 |  | **Total Credits** | | 18 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sophomore Year** | | | | | | | |
| **Fall** | | | | **Spring** | | | |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | BIO 1000 | Principles of Biology | 3 |  | ECN 2020 | Principles of Microeconomics | 3 |
|  | BIOL 1000 | Principles of Biology Lab | 1 |  | MAT 3320 | Differential Equations | 3 |
|  | MAT 3310 | Calculus III | 4 |  | PHY 2010 | University Physics II | 3 |
|  | PHY 2000 | University Physics 1 | 3 |  | PHY 2070 | University Physics Lab II | 1 |
|  | PHY 2060 | University Physics Lab 1 | 1 |  | GGY 1020 | World Regional Geography | 3 |
|  | GLY 3100 | Minerals and Rocks | 3 |  | GLY 2620 | Environmental Geology | 3 |
|  | GLY 3110 | Minerals and Rocks Lab | 1 |  | General Education | Physical Education | 1 |
| **Total Credits** | | | 16 |  | **Total Credits** | | 17 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Junior Year** | | | | | | | |
| Fall | | | | Spring | | | |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | General Education | Literature (WE)\* | 3 |  | General Education | Philosophy or Religion | 3 |
|  | SPE 2010 | Fundamentals of Speech | 3 |  | General Education | History\* | 3 |
|  | MAT 3280 | Probability and Statistics | 3 |  | GLY 4700 | Writing in the Geoscience (WD) | 3 |
|  | GGY 2500 or GGY 2700 | Cartography/Intro to GIScience | 3 |  | GLY 3XXX-4XXX | Upper level GLY Elective | 3 |
|  | GGY 4100 | Land Use Planning (WE) | 3 |  | BIO 3040 | Ecology | 4 |
|  | PLS 1000 | Introduction to Political Science | 3 |  | PED 1010/1300/ 1910/1950 | General Education Physical Education | 1 |
| **Total Credits** | | | 18 | **Total Credits** | | | 17 |

\*To satisfy the NCSU US Diversity requirement in Gen Ed, students will need to select one of the following when fulfilling UNCP General Education:

**Literature**

**ENG 2010**

**ENG 2080**

**ENG 2100**

**ENG 2190**

**ENG/AIS 2200**

**ENG 2230**

**ENG 2240**

**ENG/AIS 2410**

**Fine Art**

**MUS 1040**

**MUS 2980**

**History**

**HST 1030**

**HST/AIS 1100**

**HST/AIS 1110**

**Social Science**

**SOC/AIS 1050**