

I. **Core Curriculum Requirements:** Courses totalling 26 s.h. must be completed in addition to the 18 s.h. of courses required for the major that will also meet core curriculum requirements (indicated by an asterisk in the course list below). Must complete ENG 1000 and 1100, HIS 1101 and 1102, 12 s.h. of humanities (courses must be from three different areas, including one literature course and one fine arts course), and 2 s.h. of physical activity/wellness courses. 44

II. **Major Requirements (Environmental Concentration)** (32 s.h. of Chemistry)  
**Note:** A 2.0 average must be maintained in the major. (All courses in section II.)

|              |                                   |       |           |
|--------------|-----------------------------------|-------|-----------|
| CHE 1101(ND) | Introductory Chemistry I          | _____ | [4 s.h.]* |
| CHE 1102(ND) | Introductory Chemistry II         | _____ | [4 s.h.]* |
| CHE 2201     | Organic Chemistry I               | _____ | [4 s.h.]  |
| CHE 2202(W)  | Organic Chemistry II              | _____ | [4 s.h.]  |
| CHE 2210(W)  | Quantitative Analysis             | _____ | [4 s.h.]  |
| CHE 3000(S)  | Introduction to Chemical Research | _____ | [1 s.h.]  |
| CHE 3301(C)  | Physical Chemistry I              | _____ | [3 s.h.]  |
| CHE 3303(W)  | Physical Chemistry I Laboratory   | _____ | [1 s.h.]  |
| CHE 3404     | Inorganic Chemistry               | _____ | [3 s.h.]  |
| CHE 4560(W)  | Instrumental Methods of Analysis  | _____ | [4 s.h.]  |

|                                    |                 |
|------------------------------------|-----------------|
| <u>Major Designators</u>           |                 |
| 2 Writing(W)                       | ___ ___         |
| 1 Speaking(S)                      | ___             |
| Communication Proficiency          | ___             |
| <u>Other Designators</u>           |                 |
| 4 Writing(W)                       | ___ ___ ___ ___ |
| (ENG 1000/1100 will count as 2 W)  |                 |
| 4 Multi Cultural(MC)               | ___ ___ ___ ___ |
| (HIS 1101/1102 will count as 2 MC) |                 |
| 1 Cross Disciplinary(CD)           | ___             |
| 2 Numerical Data(ND)               | ___ ___         |
| 2 Computer(C)                      | ___ ___         |

Physics (10 s.h.)

PHY 1150(W,ND) Analytical Physics I \_\_\_\_\_ PHY 1151(W,ND) Analytical Physics II \_\_\_\_\_

Mathematics\* (8 s.h.)

MAT 1110(ND) Cal. w/ Anal. Geo. I\* \_\_\_\_\_ MAT 1120(ND) Cal. w/ Anal. Geo. II \_\_\_\_\_

\*Students taking a college algebra course before MAT 1110 should enroll in MAT 1025, Algebra and Elementary Functions

Other Sciences (8 s.h.)

BIO 1110 Concepts of Biology \_\_\_\_\_ GLY 1101(ND) Physical Geology \_\_\_\_\_

**Environmental Concentration:**

Science and Mathematics (13 s.h.)

CHE 4620 Environmental Chemistry\*\* \_\_\_\_\_ [4 s.h.] BIO 3302(ND,C) Ecology \_\_\_\_\_ [3 s.h.]

GLY 2850 Environmental Geology in a Sustainable Future \_\_\_\_\_ [3 s.h.]

STT 2810(ND,C) Statistical Methods I \_\_\_\_\_ [3 s.h.]

NOTE: Title of STT 2810 changes to *Intro to Data Analysis & Statistical Inference*, eff. SP99.

\*\* This course has prerequisites of CHE 3301, CHE 4560, and STT 2810

Social Science (9 s.h.)

ECO 2030 Principles of Economics Price Theory \_\_\_\_\_\*

GHY 1010 Intro. to Physical Geography \_\_\_\_\_\* GHY 3100 Weather and Climate \_\_\_\_\_

One of the following (3 s.h.)

PS 2130 State and Local Government \_\_\_\_\_ **OR**

PS 3280(W) Public Policy Analysis \_\_\_\_\_

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 Core Curr. - **18**

III. **Electives**

Recommended Electives:

P&R 1100 Logic I

GHY 3110 Vegetation, Soils, and Landforms

GHY 4820 Geographical Hydrology

GLY 4620(ND) Hydrogeology

CHE 3302(C) Physical Chemistry II

CHE 3304(W) Physical Chemistry II Laboratory

C S 1440(C) Programming Fundamentals

IV. Minor (optional)

V. Free electives to total a minimum of 122 s.h.  
 (2s.h. of free electives must be outside the major discipline.)