

**I. CORE CURRICULUM ..... 44**

GLY 1101-1102 (or 1510-1511) will count toward science requirement. MAT 1025 will count toward math requirement. PS 2130 and ECO 2030 will count toward the social science requirement. Six hours of Foreign Language 1040 and 1050 (or 1060) will count toward the humanities requirement.

**II. FOREIGN LANGUAGE (Completion of 6 semester hours at the \*intermediate level, or higher) ..... 6**

\_\_\_\_\_ 1040 (MC) \_\_\_\_\_ and 1050 (MC) \_\_\_\_\_ or 1060 (MC); or higher level courses \_\_\_\_\_

*\*NOTE: Foreign language 1010 and 1020 (or 1030) are prerequisites for the intermediate level courses.*

**III. MAJOR REQUIREMENTS..... 75**

**2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian. No more than 40 semester hours of Geology courses may be counted toward the BA Degree.**

**A. Required Geology Courses (28 semester hours)**

- GLY 1101 \_\_\_\_\_ (4) Introduction to Physical Geology (ND)
- or GLY 1510 \_\_\_\_\_ (4) Geological Science Honors-Physical (W, ND)
- GLY 1102 \_\_\_\_\_ (4) Introduction to Historical Geology (CD, ND)
- or GLY 1511 \_\_\_\_\_ (4) Geological Science Honors-Historical (W, ND)
- GLY 1103 \_\_\_\_\_ (4) Introduction to Environmental and Applied Geology (ND)
- GLY 2007 \_\_\_\_\_ (1) Mineral Identification (W, ND)
- GLY 2015 \_\_\_\_\_ (1) Rock Classification and Identification
- GLY 2735 \_\_\_\_\_ (3) Preparation of Geologic Reports (W, S, C)
- GLY 3333 \_\_\_\_\_ (3) Geomorphology (W, ND)
- GLY 4620 \_\_\_\_\_ (4) Hydrogeology (ND)
- GLY electives (4 semester hours above 1000 level) \_\_\_\_\_

**B. Additional courses for Sustainable Development concentration (47 semester hours)**

- ANT 4570 \_\_\_\_\_ (3) Sustainable Development in the Modern World Systems (W, MC, CD)
- BIO 1110 \_\_\_\_\_ (4) Concepts in Biology
- BIO 3302 \_\_\_\_\_ (3) Ecology (ND, C)
- BIO 3312 \_\_\_\_\_ (3) Environmental Studies (W, S)
- CHE 1101 \_\_\_\_\_ (3) Introductory Chemistry I (ND)
- CHE 1110 \_\_\_\_\_ (1) Introductory Chemistry I Lab
- ECO 2030 \_\_\_\_\_ (3) Principles of Economics-Price Theory
- GHY 3100 \_\_\_\_\_ (3) Weather and Climate
- GHY 3110 \_\_\_\_\_ (3) Vegetation, Soils, and Landforms
- GHY 4820 \_\_\_\_\_ (3) Geographical Hydrology
- MAT 1025 \_\_\_\_\_ (4) Algebra and Elementary Functions (ND)
- P S 2130 \_\_\_\_\_ (3) State and Local Government
- STT 2810 \_\_\_\_\_ (3) Intro to Data Analysis & Stat Infer (ND, C)
- TEC 2029 \_\_\_\_\_ (3) Society and Technology (W, MC, CD)
- Computer Science Electives (5 semester hours)

<u>Major Designators</u>	
2 Writing (W)	_____
1 Speaking (S)	_____
Certified Proficiency in Communication (CPC)	_____
See Department Chair for CPC requirements.	
<u>Other Designators</u>	
4 Writing (W)	_____
(English 1000 and 1100 will count as 2 W)	
4 Multi Cultural (MC)	_____
(History 1101 and 1102 will count as 2 MC)	
2 Numerical Data (ND)	_____
2 Computer (C)	_____
1 Cross Disciplinary (CD)	_____

During the senior year the Bachelor of Arts student must take and achieve a satisfactory score on a COMPREHENSIVE EXAMINATION covering theoretical and practical aspects in areas of geology. Students who are unsuccessful on portions or all of the examination may retake appropriate portions up to two additional times prior to graduation.

**IV. SUSTAINABLE DEVELOPMENT MINOR REQUIRED ..... 12**

**Minimum of 9 semester hours of courses taken to fulfill minor requirements must be courses offered by Appalachian.** (See advisor of S.D. minor for approved courses.) 12 hours required in addition to ANT 4570 and TEC 2029 (listed above in III.B)

**V. ELECTIVES (taken to total 122 hours for the degree) ..... 9**

**2 semester hours of free electives must be outside the major discipline.**

<b>Total</b>	<b>146</b>
<b>Minus hours double counted in core</b>	<b>-24</b>
<b>Total hours must equal</b>	<b>122</b>