

I. CORE CURRICULUM.....44

Math 1110 will count toward math requirement. Either Chemistry 1101 and 1110, 1102 and 1120 or Physics 1150, 1151 will count toward science requirement. 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.....63

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. Geology (34 semester hours above the 1000 level):

- GLY 2007 _____ (1) Mineral Identification
- GLY 2015 _____ (1) Rock Classification and Identification
- GLY 2024 _____ (1) Introduction to Fossils
- GLY 2077 _____ (2) Introduction to Crystal Chemistry (ND, C)
- GLY 2735 _____ (3) Preparation of Geologic Reports (W, C, S)
- GLY 3015 _____ (3) Petrology (W)
- GLY 3107 _____ (2) Optical Mineralogy (ND, C)
- GLY 3260 _____ (3) Principles of Structural Geology (ND, C)
- GLY 3800 _____ (3) Introduction to Stratigraphy & Sedimentology
- GLY 4024 _____ (4) Paleontology & Hist. Geology (W, CD, ND)
- GLY 4210 _____ (1) Geology Seminar
- GLY 4835 _____ (6) Summer Field Geology or other approved field course

And choose 4 semester hours from the following:

- GLY 4620 _____ (4) Hydrogeology (ND)
- OR**
- GLY 4650 _____ (4) Economic Geology and Exploration Techniques (W, ND)
- OR BOTH**
- GLY 4501 _____ (1) Senior Research **AND** GLY 4510 (3) _____ Senior Honors Thesis (W)

<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)	_____

B. Mathematics/Chemistry/Physics (29 semester hours)

- MAT 1110 _____ (4) Calculus with Analytic Geometry I (ND)
- MAT 1120 _____ (4) Calculus with Analytic Geometry II (ND)
- Math elective _____ (3) _____
- CHE 1101 _____ (3) Introductory Chemistry I (ND)
- CHE 1110 _____ (1) Introductory Chemistry I Lab
- CHE 1102 _____ (3) Introductory Chemistry II (ND)
- CHE 1120 _____ (1) Introductory Chemistry II Lab
- PHY 1150 _____ (5) Analytical Physics (W, ND)
- PHY 1151 _____ (5) Analytical Physics (W, ND)

During the senior year the B.A. 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. MINOR REQUIRED..... 12-20

Minimum of 9 semester hours of courses taken to fulfill minor requirements must be courses offered by Appalachian.

V. ELECTIVES (taken to total 122 hours for the degree)..... 7-15

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

Total	140
Minus hours double counted in core	-18
Total hours must equal	122