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. No more than 40 semester hours of Geology courses may be counted toward the BA Degree. Since many upper level Geology courses require GLY 1101 and GLY 1102 as prerequisites, it is highly recommended that students complete these courses during their freshman year.

A. Geology (34 semester hours above the 1000 level):
- GLY 2215 ____ (4) Earth Materials
- GLY 2735 ____ (3) Preparation of Geologic Reports (W, C, S)
- GLY 3150 ____ (3) Principles of Structural Geology and Tectonics (ND, C)
- GLY 3215 ____ (3) Introduction to Crystal Chemistry and Optical Mineralogy (ND)
- GLY 3715 ____ (3) Petrology and Petrography (W)
- 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 4703 ____ (4) Advanced Environmental and Engineering Geology

OR BOTH
- GLY 4501 ____ (1) Senior Research AND GLY 4510 (3) Senior Honors Thesis (W)

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)
- Elective ____ (3) Math or Computer Science Elective
- 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 I (ND)
- PHY 1151 ____ (5) Analytical Physics II (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