I. GENERAL EDUCATION CURRICULUM

Chemistry 1101/1110 & 1102/1120 will fulfill Science Inquiry perspective. MAT 1110 fulfills the Quantitative Literacy requirement.

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

   1040 ____ and 1050 ____ or 1060 ____; or higher level courses ___________________________

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

III. MAJOR REQUIREMENTS (not including 12 s.h. from Area I, above)

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 46 semester hours of Geology courses may be counted toward the BA Degree. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian. Since many upper level Geology courses require GLY 1101 as a prerequisite, it is highly recommended that students complete this course during their freshman year.

A. Geology (37 semester hours):

   GLY 1101 _____ (4) Introduction to Physical Geology OR GLY 1510_____ (4) Geological Science Honors (Pre: MAT 1020)
   GLY 2250 _____ (4) Evolution of the Earth (Pre: GLY 1101, 1102, 1103, 1104, or 1105)
   GLY 2745 _____ (4) Preparation of Geologic Reports [WID] (Pre: ENG 2001; GLY 2250)
   GLY 3150 _____ (3) Principles of Structural Geology and Tectonics (Pre: GLY 2250, 2745)
   GLY 3220 _____ (3) Fundamentals of Mineralogy (Pre: GLY 2250)
   GLY 3715  _____ (3) Petrology and Petrography (Pre: CHE 1101/1110; GLY 2250, 2745, 3220)
   GLY 3800  _____ (3) Introduction to Stratigraphy & Sedimentology (Pre: GLY 2250)
   GLY 4210 _____ (1) Geology Seminar [CAP] (Pre: Sr. standing)
   GLY 4835 _____ (6) Summer Field Geology or other approved field course (Pre: GLY 3150, 3715, 3800)

   6 semester hours GLY electives at or above 3000 level (excluding GLY 3520):

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

   MAT 1110 _____ (4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-)
   MAT 1120 _____ (4) Calculus with Analytic Geometry II (Pre: MAT 1110 w/min grade C-)
   Elective _____ (3) Math or Computer Science Elective
   CHE 1101 _____ (3) Introductory Chemistry I (Co: CHE 1110)
   CHE 1110 _____ (1) Introductory Chemistry I Lab (Co: CHE 1101)
   CHE 1102 _____ (3) Introductory Chemistry II (Pre: CHE 1101; Co: CHE 1120)
   CHE 1120 _____ (1) Introductory Chemistry II Lab (Co: CHE 1102)
   PHY 1150 _____ (5) Analytical Physics I (Co: MAT 1110)
   PHY 1151 _____ (5) Analytical Physics II (Co: MAT 1120)

   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

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)

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