I. GENERAL EDUCATION CURRICULUM .................................................................44
Math 1110 will count toward Quantitative Literacy general education requirement.

II. MAJOR REQUIREMENTS (not including 4 s.h. counted in Area I, above) ..............64
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 II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian. Course requirements for the Bachelor of Science degree in actuarial sciences are as follows (with program subject to the approval of the advisory committee). An acceptable program consists of at least 68 semester hours but no more than 80, with a minimum of 36 hours in the Department of Mathematical Sciences.

A. Mathematics – 36 s.h.
MAT 1110  ____ (4) Calculus w/ Analytic Geometry I (Pre: MAT 1025 with grade of C- or better)
MAT 1120  ____ (4) Calculus w/ Analytic Geometry II (Pre: MAT 1110 with grade of C- or better)
MAT 2130  ____ (4) Calculus w/ Analytic Geometry III (Pre: MAT 1120 with grade of C- or better)
MAT 2240  ____ (3) Introduction to Linear Algebra (Pre: MAT 1120)
MAT 3330  ____ (3) Financial Mathematics (Pre: MAT 1120)
MAT 4330  ____ (2) Senior Seminar in Actuarial Sciences [CAP] (Pre: MAT 3330; Co: STT 4865)
STT 3850  ____ (4) Statistical Data Analysis I (Pre: MAT 1110)
STT 3851  ____ (3) Statistical Data Analysis II [WID] (Pre: STT 3850)
STT 4840  ____ (3) Forecasting & Time Series (Pre: STT 3851)
STT 4860  ____ (3) Mathematical Statistics I (Pre: MAT 2130)
STT 4865  ____ (3) Mathematical Statistics II (Pre: STT 4860)

B. Business – 30 s.h.
ACC 2100  ____ (3) Principles of Accounting I (Pre: 24 sh college credit)
ECO 2030  ____ (3) Principles of Economic – Price Theory
ECO 2040  ____ (3) Principles of Economics – Macro (Pre: ECO 2030)
FIN 3071  ____ (3) Principles of Risk Management and Insurance
FIN 3072  ____ (3) Personal Property, Liability, Life & Health Insurance (Pre: ECO 3071)
FIN 3680  ____ (3) Introduction to Finance (Pre: ACC 2100; MAT 1030 or 1110)
FIN 3690  ____ (3) Financial Management (Pre: FIN 3680)
FIN 3890  ____ (3) Survey of Investments (Pre: FIN 3680)
FIN 4770  ____ (3) Financial Risk Management (Pre: FIN 3890)
LAW 2150  ____ (3) Legal Environment of Business

C. Electives – 2 s.h.
Two hours of approved electives** in Mathematical Sciences or Business (no more than 6 additional elective hours can be taken in Business).

**Must be approved by advisory committee.

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) ........................................14
2 semester hours of free electives must be outside the major discipline.