

Student Name: _____

Date _____

I. GENERAL EDUCATION CURRICULUM44

Math 1110 will count toward Quantitative Literacy general education requirement.

II. MAJOR REQUIREMENTS (not including 4 s.h. counted in Area I, above)61

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.

An acceptable program of at least 65 semester hours but no more than 80, with a minimum of 34 hours in the Department of Mathematical Sciences.

A. Mathematics (15 hours)

- MAT 1110 (4) Calculus w/ Analytic Geometry I
MAT 1120 (4) Calculus w/ Analytic Geometry II
MAT 2130 (4) Calculus w/ Analytic Geometry III
MAT 2240 (3) Introduction to Linear Algebra

B. Statistics (17-18 hours)

Choose one series:

- STT 3820 (3) Statistical Methods I and STT 3830 (3) Statistical Methods II

OR

- *STT 3850 (4) Statistical Data Anal I and STT 3851 (3) Stat. Data Anal II [WID]

AND

- STT 4830 (3) Linear Regression Models
STT 4860 (3) Probability Models & Statistical Inference I
STT 4865 (3) Statistical Inference II
STT 4870 (2) Senior Seminar in Statistics [CAP]

C. Select one (3 hours)

- STT 3840 (3) Elementary Probability and Survey Sampling
STT 4820 (3) Design and Analysis of Experiments

D. Five or six hours of approved electives** in Mathematical Sciences and 6 hours of related* coursework to bring total hours in AREA II to 65 hours.

E. A "concentration" of at least 18 semester hours from disciplines outside mathematical sciences.**

Table with 6 columns: Course, Hours, Course, Hours, Course, Hours. Rows are blank for student input.

*Related coursework may be outside mathematical sciences and must be approved by advisory committee

** Must be approved by advisory committee.

III. MINOR (optional)

Signature lines for Student, Advisor, Chairperson, and Date, plus Date Sent to Dean's Office.

IV. ELECTIVES (taken to total 122 hours for the degree)17

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

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