

I. GENERAL EDUCATION CURRICULUM44

Math 1110 will count toward Quantitative Literacy general education requirement.

II. PROFESSIONAL EDUCATION REQUIREMENTS.....24

A 2.00 IS REQUIRED IN ALL PROFESSIONAL EDUCATION COURSES.

CI/SPE 2800	_____ (3)	Teachers, Schools, and Learners
CI/FDN/RE 3850	_____ (3)	Literacy, Technology and Instruction
FDN 3800	_____ (3)	Foundations of American Education
PSY 3000	_____ (3)	Educational Psychology (Pre: PSY 1200 or Co: CI/SPE 2800)
CI 4900	_____ (12)	Student Teaching [CAP]

PROFICIENCIES:
Reading _____
English _____
Speech _____

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). The Area Exams are required for student teaching. Only CI/SPE 2800 and PSY 3000 may be taken prior to formal admission into the College of Education.

III. MAJOR REQUIREMENTS (not including 4 s.h. counted in Area I, above)44

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.

A. Area of Specialization in Preparation for Teaching: (46 hours)

Mathematics:

MAT 1110	_____ (4)	Calculus with Analytic Geometry I (Pre: MAT 1025 with a grade of C- or better)
MAT 1120	_____ (4)	Calculus with Analytic Geometry II (Pre: MAT 1110 with a grade of C- or better)
MAT 2240	_____ (3)	Introduction to Linear Algebra (Pre: MAT 1120)
MAT 3010	_____ (2)	Survey in the History of Mathematics (Pre: MAT 1120, 2110)
MAT 3015	_____ (2)	Junior Seminar for Mathematics Majors in Education (Pre: MAT 2240)
MAT 3110	_____ (3)	Introduction to Modern Algebra [WID] (Pre: ENG 2001; MAT 2110, 2240)
MAT 3220	_____ (3)	Introduction to Real Analysis I [WID] (Pre: ENG 2001; MAT 2110)
MAT 3310	_____ (3)	Discrete and Continuous Mathematical Models (Pre: MAT 1120; Co: 2240)
MAT 3520	_____ (1)	Instructional Assistance (Pre: Jr/Sr standing)
MAT 3610	_____ (3)	Introduction to Geometry (Pre: MAT 1120, 2110)
MAT 4015	_____ (3)	Senior Seminar for Mathematics Majors in Education (Pre: MAT 3015, 3 s.h. 4000-level MAT/STT)
STT 4811	_____ (3)	Statistical Concepts and Applications I (Pre: MAT 1120)
STT 4812	_____ (3)	Statistical Concepts and Applications II with Probability Modeling (Pre: STT 4811)

Choose one:

MAT 2110	_____ (3)	Techniques of Proof (Pre: MAT 1120)
MAT 2510	_____ (4)	Sophomore Honors Seminar (Pre: MAT 1120)

5-6 s.h. approved courses in Mathematical Sciences to bring total hrs in area III to 48 hrs (at least 3 s.h. MAT at 4000 level):

B. Other Required Courses (2 hours)

Education:

CI 3080*	_____ (2)	Teaching High School Math
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*Minimum "C" grade required

IV. MINOR (optional)

Major Requirements that count in Gen Education:	
Quantitative Literacy	
MAT 1110	4 s.h.
Total Major hrs:	48
Gen Ed hrs:	- 4
Net Major hrs:	44

V. ELECTIVES (taken to total 122 hours for the degree).....10

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

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