Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)
(Additional hours to total 132 s.h. – includes second major, minor, and elective hours.)

Name________________________________________ I.D. #________________________ H.S. deficiencies: Math ____ Foreign Language ____

**General Studies Requirements**
(General Studies must total at least 58 s.h.)

**FIRST-YEAR CORE:**

- GST 110 - Global Experience (4 s.h.)
- ENG 110 - College Writing (4 s.h.)
- MTH 112 OR 121 (4 s.h.)
- HED 111 – Contemp. Wellness Issues (2 s.h.)

**Experiential Learning Requirement (ELR):** (One Unit)
[May be met by any one of the following:
internship, practicum, co-op, study abroad, student teaching, or an approved field-based course. Also may be met by
service, leadership, or individualized learning experience.]

**Foreign Language Requirement:**
Students must meet one of the following: placing beyond FL 122 on the
CAPE placement test, completing a 122-level language course, completing a
semester or summer in a university approved program in a non-English
speaking country with language study at the 122-level or above, scoring 4 or 5
on an Advanced Placement language exam or similar exam.

**STUDIES IN THE ARTS AND SCIENCES:**
[Transfer students with at least 18 s.h. of transfer credit must complete 32
hours total in Studies in the Arts & Sciences, but may have as few as 7 hours
in one or more of the four Studies in the Arts & Sciences areas.]

- **Expression** (8 s.h.)
  [Eight hours chosen from at least two of the following:
literature (in English or foreign languages), philosophy, & fine arts
(art, dance, fine arts, music, music theater, and theater arts).
At least one course must be literature.]

- **Civilization** (8 s.h.)
  [Eight hours chosen from at least two of the following:
history, foreign languages, and religion. Students taking foreign
language courses to meet Elon’s proficiency requirement may only
apply 4 s.h. of that coursework toward Civilization.]

- **Society** (8 s.h.)
  [Eight hours chosen from at least two of the following:
economics, geography, political science, psychology, and sociology.]

- **Science** *(PHY 113 (Lab: ___) + CSC 130) (8 s.h.)
  [Eight hours chosen from one or more of the following:
mathematics, science, and computer science (must have CSC
department designation). One course must be a physical or
biological laboratory science.]

**ADVANCED STUDIES** (Must be outside major.)

- *PSY 321 (8 s.h.)
  [Eight hours of 300-400 level courses outside the major field chosen
from the departments and areas listed under Studies in the Arts and
Sciences.]

- GST Interdisciplinary Seminar (4 s.h.)
  [300-400 level GST course; requires junior/senior status.]

**Major Requirements**
A minimum of 88 s.h. in the following courses is required.

- *CSC 130 (4) – Introduction to Computer Science
- *MTH 121 (4) - Calculus & Analytic Geometry I
- MTH 212 (4) – Statistics in Application
- MTH 221 (4) - Calculus & Analytic Geometry II
- MTH 231 (4) - Mathematical Reasoning
- MTH 310 (4) – Mathematics for the Secondary Teacher
- MTH 311 (4) - Linear Algebra
- MTH 312 (4) - Abstract Algebra
- MTH 321 (4) - Calculus & Analytic Geometry III
- MTH 331 (4) - Modern Geometry
- MTH 341 (4) - Probability Theory & Statistics
- MTH 361 (2) – Seminar I
- MTH 425 (4) – Analysis
- MTH 461 (2) – Seminar II
- *PHY 113 (4) – General Physics I w/ Calculus

**Professional Studies - Secondary & K-12 (32 s.h.)**

- EDU 211 (4) – School and Society
- EDU 322 (2) - Reading in Content Areas
- EDU 350 (2) –Classroom Management for Secondary Teachers
- EDU 422 (4) – Materials and Methods of Teaching Middle Grades and Secondary Math
- EDU 450 (4) - Meeting Special Learning Needs of Children
- EDU 480 (2) - Student Teaching Seminar
- EDU 481 (10) – Supervised Observation and Student Teaching
- *PSY 321 (4) - Educational Psychology
  (C- or better required for admission to Educ. program)

**Major Total (s.h.)**

*Required in major; may count in General Studies.
The mathematics teacher licensure program adopts the conceptual framework for teacher education at Elon University:

THOUGHTFUL PRACTICE IN A COMMUNITY OF LEARNERS

The mission of Teacher Education at Elon University is to prepare quality teachers who are knowledgeable, responsible and thoughtful professionals. The conceptual framework, “Thoughtful Practice in a Community of Learners,” reflects the intention to create a learning environment in which teacher candidates inquire and collaborate to develop the knowledge, skills and dispositions for effective professional practice.

The mathematics department is extremely proud of and devoted to mathematics majors; the department works diligently to make every one of the courses challenging, enriching, relevant, and current in an environment that is open and inviting for all teacher candidates. Teaching faculty model appropriate teaching strategies as well as assist the teacher candidate in making connections within math concepts and real world applications. The department strives to provide a curriculum that is pertinent, rigorous, and flexible for mathematics majors choosing to enter the high school classroom. The department encourages teacher candidates to become actively involved in professional math education organizations.

STEPS TO TEACHER LICENSURE

I. Sophomore Year or earlier
   1. Declare the major. Complete forms in Academic Advising, Duke 108.
   2. Apply for admission to the Teacher Education Program in the Teacher Education Office, Mooney 102.
   3. Determine whether Praxis Series/PPST (Pre-Professional Skills Test) is required. If combined SAT score is 1100 or greater, the PPST is not required. If one part of the SAT is 550 or greater, that section of the PPST is not required.
   4. If PPST is required, obtain registration information for the test from the Teacher Education Office.
   5. Have PPST scores sent to Elon University and to the Department of Public Instruction in Raleigh.
   6. Have an overall grade point average of at least 2.50. Maintain at least a 2.50 GPA throughout the program.
   7. Be screened by the major department.
   8. Attend the School of Education Induction Ceremony.
   9. Only after a student has been unconditionally admitted to Teacher Education may he/she enroll in Education (EDU) courses at the 300-400 level.

II. Semester Prior to Student Teaching
   1. Have an overall GPA of at least 2.50.
   2. Apply for student teaching. Forms are available in the Teacher Education Office.

III. Semester of Student Teaching
   1. Submit technology portfolio via Livetext.
   2. Submit focused unit via Livetext.

IV. At End of Student Teaching
   1. Obtain licensure forms from the Teacher Education Office.
   2. Clear all requirements with the Office of the Registrar.