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.)_________________
(C- or better required for graduation)
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  * (Lab: )  * (8 s.h.)
[Eight hours chosen from one or more of the following:
mathematics, science, and computer science (must have CSC
department designation). At least one course must be a physical or
biological laboratory science.]

ADVANCED STUDIES  (Must be outside major.)
(8 s.h.)
[Eight hours of 300-400 level courses outside the major field chosen
from 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.]

*Required in major; may count in General Studies.

Major Requirements
A minimum of 38-40 s.h. in the following courses is required.

__*MTH 121 (4) - Calculus & Analytic Geometry I
__MTH 221 (4) - Calculus & Analytic Geometry II
__MTH 321 (4) - Calculus & Analytic Geometry III
__MTH 206 (4) – Discrete Structures
__MTH 306 (4) – Applied Matrix Theory
__MTH 341 (4) - Probability Theory & Statistics
  - OR –
__MTH 212 (4) – Statistics in Application
__MTH 421 (4) - Differential Equations
__MTH 300- or 400-level course (4)
  - OR –
__Course from an allied field approved by the Mathematics Dept. (4)
__*CSC 130 (4) – Introduction to Computer Science

Choose from the following: A related experiential/capstone experience approved by the department (2-4 sh). Approved options are:

__MTH 361 (2) - Seminar I
__MTH 481 (1-4) Internship in Mathematics
__MTH 499 (1-4) Independent Research

PURE MATHEMATICS (26-28 sh)
__MTH 231 (4) – Mathematical Reasoning
__MTH 311 (4) – Linear Algebra

Math electives to total 12 sh  (May include one departmentally approved course from an allied field. At least 4 sh must be 400-level MTH course)

__MTH 361 (2) - Seminar I
__MTH 481 (1-4) Internship in Mathematics
__MTH 499 (1-4) Independent Research

__*CSC 130 (4) – Introduction to Computer Science
  - OR -
__*PHY 113 (4) – General Physics I, including lab

Choose from the following: A related experiential/capstone experience approved by the department (2-4 sh). Approved options are:

__MTH 361 (2) - Seminar I
__MTH 481 (1-4) Internship in Mathematics
__MTH 499 (1-4) Independent Research

__Major Total (s.h.)