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 **PHY 114 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.)

*MTH 321 (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.]

Major Requirements
A minimum of 53 s.h. in the following courses is required.

_____ *PHY 113 (4) - General Physics I with Calculus
_____ *PHY 114 (4) - General Physics II with Calculus
_____ _____ PHY 117 & PHY 118 Gen. Physics Lab I & II
_____ PHY 213 (4) - Introduction to Modern Physics
_____ PHY 301 (4) - Classical Mechanics and Dynamical Systems
_____ PHY 311 (4) - Classical Electrodynamics
_____ PHY 312 (4) - Electricity, Magnetism, and Field Theory
_____ PHY 411 (4) - Quantum Mechanics
_____ PHY 397-8 (4) – Physic Lab - Seminars
_____ PHY 499 (1) - Research

Choose eight (8 s.h.) from the following:

(One course should be taken during the spring of the sophomore year)

PHY 211-212 (4) – Circuit Analysis/Lab
PHY 302 (4) - Stat Mechanics & Thermodynamics
PHY 412 (4) - Relativity & Cosmology
PHY 471 (4) - Special Topics in Physics

_____ *MTH 121 (4) - Calculus & Analytic Geometry I
_____ MTH 221 (4) - Calculus & Analytic Geometry II
_____ *MTH 321 (4) - Calculus & Analytic Geometry III

_____ Demonstrated Competence in Computer Programming

_____ Major Total (s.h.)