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.)

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.

**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** *PHL 115 (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: )* *MTH 206 (8 s.h.)

[Eight hours chosen from one or more of the following: mathematics, science, and computer science (must have the CSC department designation). At least one course must be a physical or biological laboratory science.]

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

*(8 s.h.)*

[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 64 s.h. in the following courses is required.

- **CIS 211 (4)** – Management Information Systems
- **CIS 216 (4)** – Programming in a Visual Environment
- **CIS 245 (4)** – Hardware Systems Software and Communications
- **CIS 301 (4)** – Database Management and Analysis
- **CIS 325 (4)** – Web Development
- **CIS 330 (4)** – Systems Analysis & Design
- **CIS 345 (4)** – Networks and Telecommunications
- **CIS 430 (4)** – Project Implementation and Management
- **CIS 450 (4)** – Seminar in Information Systems (capstone)
- **PHL 115 (4)** – Ethical Practice
- **MTH 206 (4)** – Discrete Structures

Select one course (4 s.h.) beyond core math requirement:

- **Probability/Statistics:** if core math requirement was MTH 121 then MTH 112 - General Statistics or a probability and/ or statistics course.
- **Quantitative Analysis:** if core math requirement was MTH 112 then MTH 116 – Applied MTH with Calculus or MTH 121- Calculus and Analytic Geometry I

Choose one of the following Information Systems Environments:

- **Business Option** (16 s.h.):
  Select any four courses from the Business Administration minor

- **Biology Option** (16 s.h.):
  *BIO 111 & 113 (4)
  *BIO 112 & 114 (4)
  Select 8 hours taken from BIO 200, 300, or 400 level courses of interests:

- **Criminal Justice Studies Option** (16 s.h.):
  Select one (1) course from CJS minor core: PSY 357, SOC 355, or HUS 359
  Select 12 hours from remaining CJS minor core or Other available electives:

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