Elon Core Curriculum (56-60 sh)

**FIRST-YEAR FOUNDATIONS:**

COR 110 – Global Experience (4 s.h.) ________

ENG 110 – Writing: Argument & Inquiry (C- or better required for graduation) (4 s.h.) ________

MTH 110 or 151 or 220 (4 s.h.) * ________

**Experiential Learning Requirement (ELR – 2 units required):**

Included in experiential learning are study abroad, research, service-learning, leadership, internships, (including co-ops, teaching, and practicum), or other courses or experiences with ELR designation

**World Language Requirement:**

Students must meet one of the following: (a) complete a language course numbered 122 or higher at Elon, or receive transfer or study abroad credit for the same; (b) place into a language course numbered 200 or above, upon arriving at Elon, using a department of world languages approved placement instrument; (c) score a 4 or 5 on an AP language exam or repeated by later testing. Consideration for Phi Beta Kappa membership requires completion of one intermediate world language course, placement beyond that level or equivalent proficiency.

**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 world languages), philosophy, & fine arts (art, dance, fine arts, music, music theatre, & theatre). At least one course must be literature.]

**Civilization** (8 s.h.) ________

[Eight hours chosen from at least two of the following: history, world languages, art history and religious studies.]

**Society** (8 s.h.) ________

[Eight hours chosen from at least two of the following: economics, geography, human service studies, political science, psychology, & sociology/anthropology, and public health studies 201 or 202.]

**Science/Analysis** (Lab: ____)* CSC 130 (8 s.h.) ________

[Eight hours chosen from one or more of the following: mathematics/statistics, science, computer science and information science. 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 coursework outside the major field and chosen from areas under Studies in the Arts and Sciences.]

**COR Interdisciplinary Capstone Seminar** (4 s.h.) ________

[300-400 level COR course; requires junior/senior status.]

**Major Requirements**

A minimum of 52 s.h. in the following courses is required.

_____ *CSC 130 (4) – Computer Science I

_____ CSC 230 (4) – Computer Science II

_____ CSC 303 (4) – Mobile Computing

_____ CSC 330 (4) – Computer Science III

_____ CSC 331 (4) – Algorithm Analysis

_____ CSC 335 (4) – Programming Languages

_____ CSC 443 (4) – Computer Systems

_____ CSC 462 (4) – Software Development/Capstone

_____ MTH 241 (4) – Discrete Structures

Choose one (4 s.h.) course from the following:

- MTH 239 (4) Linear Algebra

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

- Probability/Statistics: If core math requirement was MTH 151 then MTH 110 - General Statistics or a probability and / or statistics course.

-OR-

- Quantitative Analysis: If core math requirement was MTH 110 then MTH 151- Calculus I

Choose two (8 s.h.) courses from the following:

CSC 410 (4) – Artificial Intelligence

CSC 420 (4) – Game Programming and Computer Graphics

CSC 430 (4) – Advanced Programming Concepts

CSC 431 (4) – High Performance Computing

CSC 445 (4) – Numerical Analysis

CSC 499 (4) – Research

CSC 300-400 level elective (4)

Major Total (s.h.)