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

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 similar exam. Each student must take the language placement test by October 1 of his or her first full year at Elon. Students are allowed two tries; the higher score is counted. That score stands and may not be 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 85 s.h. in the following courses is required.

___ *MTH 151 (4) – Calculus I
___ MTH 251 (4) – Calculus II
___ MTH 252 (4) – Multivariable Calculus & Analytic Geometry

Teacher Licensure Requirements:

___ MTH 220/STS 212 (4) – Statistics in Application
___ MTH 239 (4) – Linear Algebra
___ MTH 308 (4) – Mathematics for Middle Grades and Secondary School Teachers
___ MTH 309 (4) – 21st Century Technology in Mathematics
___ MTH 329/STS 341 (4) – Probability Theory and Statistics
___ MTH 330 (4) – Mathematical Reasoning
___ MTH 335 (4) – Modern Algebra
___ MTH 430 (4) – Abstract Algebra

Choose from one of the following:

* CSC 130 (4) – Computer Science I
* PHY 201/202 (4 s.h. each) – General Physics I and II
* PHY 221/222 (4 s.h. each) – University Physics I and II

Select a related experiential/capstone experience approved by the department:

MTH/STS 460 (2) – Seminar I
MTH 481 (2-4) Internship in Mathematics
MTH 499 (2-4) Independent Research

* Required in major; may count in Elon Core Curriculum.