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.) *MTH 220 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: ___) *MTH 241 (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.

_____ ISC 111 (4) – Data Science and Visualization
_____ CSC 130 (4) – Computer Science I
_____ ISC 245 (4) – Fundamentals of Data
_____ ISC 301 (4) – Database Management and Analysis
_____ ISC 310 (4) – Human-Computer Interaction
_____ ISC 325 (4) – Data-Driven Web Development
_____ ISC 345 (4) – Information Security
_____ ISC 420 (4) – Data Mining and Analytics
_____ ISC 430 (4) – Senior ISC Experience
_____ *MTH 241 (4) – Discrete Structures
_____ *STS 212 / MTH 220 (4) – Statistics in Application
_____ STS 327 (4) – Statistical Computing

Select a 4 sh elective chosen from any 300-400 level courses in ISC

OR CSC 230 – Computer Science II

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_____ Major Total (s.h.)

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