General Studies Requirements (58-62 sh)

FIRST-YEAR CORE:

GST 110 - Global Experience (4 s.h.)
ENG 110 - Writing: Argument & Inquiry (4 s.h.) (C- or better required for graduation)
MTH 112 or 121 or 212 (4 s.h.) *
HED 111 – Contemporary Wellness (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, approved field-based course or documented service, leadership, or individualized learning experience.

Foreign Language Requirement:
Students must meet one of the following: (a) complete a language course numbered 122 or above upon arriving at Elon, using a department of foreign languages approved placement instrument; (b) 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.

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, art history, 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, foreign languages, 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.]

Science (Lab: ) *CSC 130 (8 s.h.)

[Eight hours chosen from one or more of the following: mathematics, science, and computer science (CSC designation). 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.]

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 56 s.h. in the following courses is required.

____*MTH 121 (4) - Calculus I
____MTH 221 (4) - Calculus II
____MTH 321 (4) – Multivariable Calculus & Analytic Geometry
____MTH 206 (4) – Discrete Structures
____MTH 265 (4) – Applied Mathematical Modeling
____MTH 415 (4) – Numerical Analysis
____MTH 421 (4) – Differential Equations

MTH/STS 212 (4) – Statistics in Application
-OR-
____MTH/STS 341 (4) – Probability and Statistics

MTH 306 (4) – Applied Matrix Theory
-OR-
____MTH 311 (4) – Linear Algebra

Two 300/400 level (8 sh), or a sequence of two courses (8 sh) from an allied field approved by the Mathematics Department

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____CSC 130 (4) – Computer Science I
____One CSC course (4) numbered 200 or above

Choose from the following: A related experiential/capstone experience approved by the department (4 sh). Approved options are:

____MTH/STS 460/461 (4) - Seminar I/II
____MTH 481 (1-4) Internship in Mathematics
____MTH 499 (1-4) Independent Research

____Major Comprehensive Evaluation
____Major Total (s.h.)

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.)

Name __________________________ I.D. # __________________________

*Required in major; may count in General Studies.