Name ________________________________________ I.D. # _______________________

**General Studies Requirements (56-60 sh)**

**FIRST-YEAR CORE:**

GST 110 - Global Experience (4 s.h.)
ENG 110 - Writing: Argument & Inquiry (4 s.h.)
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

**Foreign 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 foreign 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.

**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/Analysis** *PHY 221 *PHY 222 8 s.h.)

Eight hours chosen from one or more of the following:
mathematics/statistics, science, computer science and information science. One course must be a physical or biological laboratory science.

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

*MTH 359 (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 Capstone 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 61 s.h. in the following courses is required.

- *PHY 221 (4) - University Physics I
- *PHY 222 (4) - University Physics II
- *PHY 314 (4) - Modern Physics
- *PHY 397 (2) – Research Methods I
- *PHY 398 (2) – Research Methods II
- *PHY 401 (4) - Classical Mechanics
- *PHY 403 (4) – Electrodynamics I
- *PHY 404 (4) – Electrodynamics II
- *PHY 411 (4) - Quantum Mechanics
- *MTH 151 (4) - Calculus I
- *MTH 251 (4) - Calculus II
- *MTH 252 (4) – Multivariable Calculus & Analytic Geometry
- *MTH 359 (4) – Differential Equations
- **CSC 130 (4) – Computer Science I**

Eight semester hours of PHY at the 300-level or higher

- **PHY 499 (1) - Research**

Demonstrate competence during the junior/senior assessment as determined by the physics department.

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