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.)___________

(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.

**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**  *CHM 111 (Lab; 2)* *CHM 112 (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.]

**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 65 s.h. in the following courses is required. This program is ACS certified.

- *CHM 111 (4) - General Chemistry I and Lab
- *CHM 112 (4) - General Chemistry II and Lab
- *CHM 211 (4) - Organic Chemistry I and Lab
- *CHM 212 (4) - Organic Chemistry II and Lab
- *CHM 311 (4) - Quantitative Analysis
- *CHM 332 (4) - Physical Chemistry I
- *CHM 334 (4) - Physical Chemistry II
- *CHM 341 (4) - Inorganic Chemistry
- *CHM 351 (4) - Biochemistry
- *CHM 494 (3) - Senior Seminar in Chemistry
- *CHM 499 (2) - Chemistry Research1 2

Choose 8 s.h. from the following:

- CHM 305 (4) - Environmental Chemistry
- CHM 321 (4) - Instrumental Analysis
- CHM 353 (4) - Advanced Biochemistry

- *MTH 151 (4) - Calculus I
- MTH 251 (4) - Calculus II
- PHY 221 (4) - University Physics I
- PHY 222 (4) - University Physics II

*(PHY 201 and PHY 202 may be substituted for PHY 221/222)*

- Major Total (s.h.)

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1 ACS allows research via an REU or SURE as a valid research experience. If a student has a summer research experience, they may take an additional elective with a lab in place of the 2 sh of CHM 499.

2 If a student has below a 3.0 average and cannot take research, these 2 sh may be substituted with a course approved by the department chair. The degree will not be certified by ACS.