### General Studies Requirements

(General Studies must total at least 58 s.h.)

**FIRST-YEAR CORE:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
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<tr>
<td>GST 110 - Global Experience</td>
<td>4 s.h.</td>
<td>(C- or better required for graduation)</td>
</tr>
<tr>
<td>ENG 110 - College Writing</td>
<td>4 s.h.</td>
<td></td>
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**MTH 112 or 121 or 212**

(4 s.h.) *MTH 112 or 212

HED 111 - Contemp. Wellness Issues (2 s.h.)

**Experiential Learning Requirement (ELR):** (One Unit)

**Foreign Language Requirement:**

Students must meet one of the following: placing beyond FL 122 on the CAPE placement test, completing a 122-level language course, completing a semester or summer in a university-approved program in a non-English speaking country with language study at the 122-level or above, scoring 4 or 5 on an Advanced Placement language exam or similar exam.

**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 religion. Students taking foreign language courses to meet Elon’s proficiency requirement may only apply 4 s.h. of that coursework toward Civilization.]

#### Society

(8 s.h.)

[Eight hours chosen from at least two of the following: economics, geography, political science, psychology, & sociology/anthropology.]

#### Science

*BIO 111/113 (Lab: ___)  *BIO 112/114 (8s.h.)

[Eight hours chosen from one or more of the following: mathematics, science, and computer science (must have the CSC department designation). 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 courses outside the major field chosen from departments and areas listed 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.

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### Major Requirements

A minimum of 48-52 s.h. in the following courses is required.

- *BIO 111 (3) - Introductory Cell Bio
- *BIO 113 (1) - Cell Biology Lab
- *BIO 112 (3) - Introductory Population Bio
- *BIO 114 (1) - Population Biology Lab
- BIO 221 (4) - General Zoology
- BIO 222 (4) - General Botany
- BIO 261 (2) - Introductory Seminar
- BIO 322 (4) - Molecular and Cellular Biology
  (Junior standing or instructor consent)

Choose one course (4 s.h.) from Organismal Category:

- BIO 316 (4) - Developmental Biology
- BIO 318 (4) - Comp. Vertebrate Structure & Function
- BIO 321 (4) - Microbiology
- BIO 325 (4) - Human Histology
- BIO 342 (4) - Plant Physiology
- BIO 343 (4) – Clinical Anatomy

Choose one course (4 s.h.) from Supraorganismal Category

- BIO 335 (4) - Field Biology
- BIO 344 (4) - Evolution
- BIO 442 (4) - Aquatic Biology
- BIO 452 (4) - General Ecology

Choose 8 s.h. of BIO electives selected from:

- Organismal Biology category
- Supraorganismal Biology category
- Molecular/Cellular Biology category
(BIO 345 - Genetics, BIO 348 - Biotechnology,
BIO 351/352 – Biochemistry, BIO 353/354 Advanced Biochemistry)

-May include maximum of two 2-semester hour special topics seminars.

**__BIO 462 (2) - Senior Seminar__**

**__CHM 111 (3) - General Chemistry I__**

**__CHM 113 (1) - General Chemistry I Lab__**

**__CHM 112 (3) - General Chemistry II__**

**__CHM 114 (1) - General Chemistry II Lab__**

**-OR-  (in lieu of CHM 111, 113, 112, 114)**

**__CHM 115 (3) – Advanced General Chemistry__**

**__CHM 116 (1) – Advanced General Chemistry Lab__**

**__MTH 112 (4) – General Statistics__**

**-OR-  **

**__MTH 212 (4) – Statistics in Application__**

**__A required experiential component selected from:__**

- (a) internship
- (b) research
- (c) approved lab assistantship

**__Major Total (s.h.)__**