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

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST-YEAR CORE:</strong></td>
<td></td>
</tr>
<tr>
<td>GST 110 - Global Experience</td>
<td>4</td>
</tr>
<tr>
<td>ENG 110 - College Writing</td>
<td>4</td>
</tr>
<tr>
<td>ENG 112 or 121 or 212</td>
<td>4</td>
</tr>
<tr>
<td>HED 111 - Contemp. Wellness Issues</td>
<td>2</td>
</tr>
</tbody>
</table>

**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.  
- 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** *(CHM 111/113 (Lab: ____)) *(CHM 112/114 (8 s.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 61-65 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**
- **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-**

(CHM 115 and 116 can be taken in place of CHM 111, 112, 113, 114 – reducing the number of required hours to 61 s.h.)

- **MTH 121 (4) - Calculus & Analytic Geometry I**
- **BIO 245 (4) - Principles of Genetics**
- **PHY 111 (4) – General Physics I**
- **PHY 112 (4) – General Physics II**

**-OR-**

- **PHY 113 (4) - General Physics I w/Calculus**
- **PHY 114 (4) - General Physics II w/Calculus**
- **CHM 211 (3) - Organic Chemistry I**
- **CHM 213 (1) - Organic Chemistry I Lab**
- **CHM 212 (3) - Organic Chemistry II**
- **CHM 214 (1) - Organic Chemistry II Lab**
- **CHM 311 (4) - Quantitative Analysis**
- **CHM 351 (3) – Biochemistry I**
- **CHM 352 (1) – Biochemistry lab**
- **CHM 353 (3) – Advanced Biochemistry**
- **CHM 354 (1) – Advanced Biochemistry lab**
- **CHM 495 (3) - Senior Seminar in Biochemistry**

Students must take a minimum of 10 hours with at least 4 hours from CHM and 4 hours form BIO.

**1** Other electives can be substituted with department approval.

**2** BIO/CHM 499 must be approved by the coordinator.

**3** Special topics courses (2 sh each) and BIO/CHM 499 can count up to 4 sh for the major.

**4** MTH 221 is a prerequisite for this optional course.

Students majoring in Biochemistry may not declare a minor in either Biology or Chemistry.

_____ Major Total (s.h.)