General Studies Requirements (56-60 sh)

**FIRST-YEAR CORE:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>GST 110 - Global Experience</td>
<td>4</td>
</tr>
<tr>
<td>ENG 110 - Writing: Argument &amp; Inquiry</td>
<td>4</td>
</tr>
<tr>
<td>MTH 110 or 151 or 220</td>
<td>4</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Expression</th>
<th>8</th>
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<tbody>
<tr>
<td>Civilization</td>
<td>8</td>
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<tr>
<td>History, foreign languages, and religious studies.</td>
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</tbody>
</table>

**Science/Analysis**

*BIO 111/113 (Lab:___) *BIO 131 (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.

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**Major Requirements**

A minimum of 66-68 s.h. in the following courses is required.

**CORE COURSES (36 s.h.):**

- *BIO 111/113 (4) - Introductory Cell Biology & lab
- *BIO 131 (4) - Biodiversity
- BIO 212/214 (4) - Population Biology & lab
- BIO 245/246 (4) - Principles of Genetics& lab
- BIO 261 (2) - Introductory Seminar
- Integrative Biology Elective (300/400) (4)
- BIO 462 (2) – Senior Seminar
- CHM 111 (4) - General Chemistry I with lab
- CHM 112 (4) - General Chemistry II with lab
- MTH 220 (4) – Statistics in Application

Students not placed into MTH 220 will need to take MTH 110 prior to taking MTH 220.

A required experiential component selected from:

- internship
- research

**Select one concentration –**

**Integrative Biology Concentration (30 s.h.)**

- PHY 201 (4) – General Physics I & lab
- PHY 202 (4) – General Physics II & lab
- BIO 262 (2) – Experimental Design

16 s.h. of 200-400 level biology electives from the following:

- BIO 315
- BIO 316
- BIO 318
- BIO 321
- BIO 331
- BIO 333
- BIO 334
- BIO 335
- BIO 341
- BIO 342
- BIO 344
- BIO 346
- BIO 347
- BIO 350
- BIO 37X
- BIO 442
- BIO 499

4 s.h. from the following Biotechnology/Molecular courses:

- BIO 254
- BIO 348
- BIO 361
- BIO 371
- BIO 373
- BIO 328
- BIO 422
- BIO 445
- BIO 499
- CHM 351

**Foundations for Medical Sciences (32 sh)**

Choose either Human / Veterinary path or Allied Health / Therapy path:

**Human/Veterinary (16 s.h.)**

- CHM 211 (4) – Organic Chemistry I & lab
- CHM 212 (4) – Organic Chemistry II & lab
- PHY 201 (4) – General Physics I & lab
- PHY 202 (4) - General Physics II & lab

**-OR-**

Allied Health / Therapy (8 s.h.)

Choose 8 sh from CHM 211, PHY 201, BIO 263, BIO 264

(Foundations for Medical Sciences - requirements continued on page 2 ...)
( . . . Foundations for Medical Sciences - continued from page 1)

In addition, students are to complete 16 sh (for Human / Veterinary path) or 24 sh (for Allied Health / Therapy path) of 200-400 level biology electives listed below. (Required courses cannot be counted in electives.)

<table>
<thead>
<tr>
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<th>Course 3</th>
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<tbody>
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<td>BIO 318</td>
<td>BIO 361</td>
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<tr>
<td>PHY 202</td>
<td>BIO 319</td>
<td>BIO 37x</td>
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<tr>
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<td>BIO 325</td>
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Biotechnology / Molecular Biology (32 sh)

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In addition, students are to complete 8 sh of the following 200-400 level biology electives:

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____ Major Total (s.h.)