H.S. deficiencies: Math ____  Foreign Language ____

*Required in major; may count in General Studies.

**General Studies Requirements**

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

**FIRST-YEAR CORE:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GST 110 - Global Experience</td>
<td>4 s.h.</td>
<td>(</td>
</tr>
<tr>
<td>ENG 110 - College Writing</td>
<td>4 s.h.</td>
<td>(C- or better required for graduation)</td>
</tr>
<tr>
<td>MTH 112 or 121 or 212</td>
<td>4 s.h.</td>
<td>*MTH 112 or 212</td>
</tr>
<tr>
<td>HED 111 – Contemp. Wellness Issues</td>
<td>2 s.h.</td>
<td></td>
</tr>
</tbody>
</table>

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

May be met by any one of the following: internship, practicum, co-op, study abroad, student teaching, approved field-based course or documented service, leadership, or individualized learning experience.

**Foreign Language Requirement:**

May be met by one of the following: scoring 4 or 5 on a language Advanced Placement test, or scoring similarly on the IB Higher Level exam; placing beyond FL 122 on the CAPE placement test: completing a 122-level language course; or completing a semester or summer in a university approved program in a non-English speaking country that includes a course in language instruction at the 122 level or above. Only 4 s.h. of language study utilized to meet the graduation requirement apply to Civilization category. Students are expected to complete this requirement by the end of their sophomore year.

**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 services - HSS 111 only, political science, psychology, & sociology/anthropology.]

**Science** *BIO 111/113 (Lab: ___) *PHY 111 (8 s.h.)

[Eight hours chosen from one or more of the following: mathematics, science, and computer science (*CSC designation*). At least one course must be a physical or biological laboratory science.]

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

*BIO 321 (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 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 40-47 s.h. in the following courses is required.

- *BIO 111 (3) - Introductory Cell Biology*
- *BIO 113 (1) - Cell Biology Lab*
- *BIO 112 (3) - Introductory Population Biology*
- *BIO 114 (1) - Population Biology Lab*
- *BIO 245 (3) - Principles of Genetics*
- *BIO 246 (1) - Genetics Lab*
- *BIO 321 (4) - Microbiology*
- *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*
- *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*
- *PHY 111 (4) - General Physics I*
- *PHY 112 (4) - General Physics II*
- *MTH 112 (4) – General Statistics* - OR -
- *MTH 212 (4) – Statistics in Application*

A course in Immunology (0-3 s.h.)

(Immunology as a separate course or as part of a microbiology course.)

Recommended additional courses:

- CHM 311 (4) – Quantitative Analysis
- BIO 162 (4) – Human Physiology
- BUS 303 (4) – Introduction to Managing
- MTH 4 (higher than MTH 112)

- Completion of clinical curriculum

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