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>
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<tbody>
<tr>
<td>GST 110 - Global Experience</td>
<td>4 s.h.</td>
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<tr>
<td>ENG 110 - College Writing</td>
<td>4 s.h.</td>
<td>C- or better required for graduation</td>
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<tr>
<td>MTH 112 or 121 or 212</td>
<td>4 s.h.</td>
<td>* MTH 112 or 212</td>
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<tr>
<td>HED 111 - Contemp. Wellness Issues</td>
<td>2 s.h.</td>
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</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: ____), BIO 112/114 (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.)

___________________________ (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 64-68 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 231 (4) - Biodiversity
_____ BIO 245 (3) - Principles of Genetics
_____ BIO 246 (1) - Genetics Lab
_____ BIO 261 (2) - Introductory Seminar

Choose one course (4 s.h.) from Molecular/Cellular Category:

BIO 325 (4) - Human Histology
BIO 348 (4) - Biotechnology
BIO 351/352 (4) - Biochemistry and lab
BIO 353/354 (4) - Advanced Biochemistry and lab
BIO 422 (4) - Molecular and Cellular Biology
BIO 445 (4) - Advanced Genetics

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 331 (4) - Animal Behavior
BIO 332 (4) - Zoology
BIO 341 (4) - Botany
BIO 343 (4) - Clinical Anatomy
BIO 442 (4) - Plant Physiology

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

BIO 335 (4) - Field Biology
BIO 342 (4) - Aquatic Biology
BIO 344 (4) - Evolution
BIO 350 (4) - General Ecology

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

- Molecular / Cellular Biology category
- Organismal Biology category
- Supraorganismal Biology category
- May include max. of 4 s.h. special topics seminars
- Undergraduate research (BIO 499) up to 4 s.h.
- (At least one elective must have “Diversity” designation; see catalog)

_____ BIO 462 (2) - Senior Seminar
_____ ____ PHY 111 (4) & PHY 112 (4) – Gen. Phy. I, II
-OR-
_____ ____ PHY 113 (4) & PHY 114 (4) - Gen. Phy. I, II w/ Calc.
_____ ____ 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

(See reverse side for additional requirements)
Biology (B.S.) requirements continued -

- 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

*MTH 112 (4) – General Statistics

-OR-

*MTH 212 (4) – Statistics in Application

A required experiential component selected from:
(a) internship
(b) research
(c) a specialized approved laboratory assistantship

Major Total (s.h.)