

Name _____ I.D. # _____ H.S. deficiencies: Math _____ Foreign Language _____

General Studies Requirements

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

FIRST-YEAR CORE:

GST 110 - Global Experience (4 s.h.) _____

ENG 110 - College Writing (4 s.h.) _____
(C- or better required for graduation)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)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.)