

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 121 _____

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** *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 (*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 65 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

_____ *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

_____ *MTH 121 (4) - Calculus & Analytic Geometry I

_____ BIO 245 (3) - Principles of Genetics

_____ BIO 246 (1) - Genetics Lab

_____ 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 from BIO¹

BIO 321 (4) Microbiology

BIO 422 (4) Molecular and Cellular Biology

BIO 445 (4) Advanced Genetics

BIO 499^{2,3} (1-4) Research

CHM 321 (4) Instrumental Analysis

CHM 332 (4) Physical Chemistry I

CHM 334⁴ (4) Physical Chemistry IICHM 472³ (2-4) Special Topics: NMRCHM 473³ (2-4) Special Topics: Medicinal ChemistryCHM 499^{2,3} (1-3) Research¹ 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.)