

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

General Studies Requirements

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

Major Requirements

A minimum of 61 s.h. in the following courses is required.

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** *PHY 113 _____ *PHY 114 _____ (8 s.h.) _____[Eight hours chosen from one or more of the following: mathematics, science, and computer science (*CSC designation*). One course must be a physical or biological laboratory science.]**ADVANCED STUDIES** (Must be outside major.)*MTH 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.**

_____ *PHY 113 (4) - General Physics I with Calculus w/ lab

_____ *PHY 114 (4) - General Physics II with Calculus w/ lab

_____ PHY 213 (4) - Introduction to Modern Physics

_____ PHY 301 (4) - Classical Mechanics and Dynamical Systems

_____ PHY 311 (4) - Classical Electrodynamics

_____ PHY 312 (4) - Electricity, Magnetism, and Field Theory

_____ PHY 397 (2) – Physics lab/seminar

_____ PHY 398 (2) – Physics lab/seminar

_____ PHY 411 (4) - Quantum Mechanics

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

_____ MTH 221 (4) - Calculus & Analytic Geometry II

_____ *MTH 321 (4) - Calculus & Analytic Geometry III

_____ MTH 421 (4) – Differential Equations

_____ CSC 130 (4) – Computer Science I

_____ Four semester hours of PHY at the 200-level or higher
(should be taken during spring of sophomore year)_____ Four semester hours of PHY at the 300-level or higher
(should be taken during spring of senior year)

_____ PHY 499 (1) - Research

_____ Demonstrate competence during the Junior/Senior assessment
as determined by the Physics Dept.

_____ Major Total (s.h.)