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.)*

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 (Lab:____) *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.)

(8 s.h.)

[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 56 s.h. in the following courses is required.

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

___MTH 221 (4) - Calculus & Analytic Geometry II

___MTH 231 (4) - Mathematical Reasoning

___MTH 311 (4) - Linear Algebra

___MTH 312 (4) - Abstract Algebra

___MTH 321 (4) - Calculus & Analytic Geometry III

___MTH 425 (4) - Analysis

___MTH 361 (2) - Seminar I

___MTH 461 (2) - Seminar II

Choose one course (4 s.h.) from the following:

___MTH 331 (4) - Modern Geometry

___MTH 341 (4) - Probability Theory & Statistics

___MTH 351 (4) - Theory of Computation

___MTH 415 (4) - Numerical Analysis

___MTH 421 (4) - Differential Equations

___MTH elective (4) at the 300/400-level (excluding MTH 481)

___CSC 130 (4) – Computer Science I

___One CSC course (4) numbered 200 or above

___*PHY 113 (4) - Physics w/Calculus I

___*PHY 114 (4) - Physics w/Calculus II

___Major Comprehensive Evaluation

___Major Total (s.h.)