

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:**

Students must meet one of the following: placing beyond FL 122 on the CAPE placement test, completing a 122-level language course, completing a semester or summer in a university-approved program in a non-English speaking country with language study at the 122-level or above, scoring 4 or 5 on an Advanced Placement language exam or similar exam. 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. Students taking foreign language courses to meet Elon's proficiency requirement may only apply 4 s.h. of that coursework toward Civilization.]**Society** _____ (8 s.h.) _____[Eight hours chosen from at least two of the following: economics, geography, 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 (*must have the CSC department 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 courses outside the major field chosen from departments and areas listed 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 Bio
_____*BIO 113 (1) - Cell Biology Lab
_____*BIO 112 (3) - Introductory Population Bio
_____*BIO 114 (1) - Population Biology Lab
____BIO 231 (4) - Biodiversity
____BIO 245 (4) - Principles of Genetics
____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 442 (4) - Aquatic Biology
____BIO 344 (4) - Evolution
____BIO 452 (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

-OR- (in lieu of CHM 111, 113, 112, 114)

____CHM 115 (3) - Advanced General Chemistry

____CHM 116 (1) - Advanced General Chemistry 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.)