

**CHECKLIST FOR GRADUATION REQUIREMENTS IN COMPUTER INFORMATION SYSTEMS  
BACHELOR OF SCIENCE**

**Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)  
(Additional hours to total 132 s.h. -- includes second major, minor, and elective hours.)**

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 (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,  
or an approved field-based course. Also may be met by  
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.

**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** \*PHL 115 \_\_\_\_\_ (8 s.h.) \_\_\_\_\_

[Eight hours chosen from at least two of the following:  
literature (in English or foreign languages), philosophy, & fine arts  
(art, dance, fine arts, music, music theater, and theater arts).  
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 religion. 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, and sociology.]

**Science** \_\_\_\_\_ (Lab: \_\_\_\_\_) \*MTH 206 \_\_\_\_\_ (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.]

**Major Requirements**

A minimum of 64 s.h. in the following courses is required.

\_\_\_\_\_ CIS 211 (4) – Management Information Systems

\_\_\_\_\_ CIS 216 (4) – Programming in a Visual Environment

\_\_\_\_\_ CIS 245 (4) – Hardware Systems Software and  
Communications

\_\_\_\_\_ CIS 301 (4) – Database Management and Analysis

\_\_\_\_\_ CIS 325 (4) – Web Development

\_\_\_\_\_ CIS 330 (4) – Systems Analysis & Design

\_\_\_\_\_ CIS 345 (4) – Networks and Telecommunications

\_\_\_\_\_ CIS 430 (4) – Project Implementation and Management

\_\_\_\_\_ CIS 450 (4) – Seminar in Information Systems (capstone)

\_\_\_\_\_ \*PHL 115 (4) – Ethical Practice

\_\_\_\_\_ \*MTH 206 (4) – Discrete Structures

\_\_\_\_\_ Select one course (4) s.h. beyond core math requirement:

\_\_\_\_\_ Probability/Statistics: if core math requirement was  
MTH 121 then MTH 112 - General Statistics or a  
probability and/ or statistics course.

**-OR-**

\_\_\_\_\_ Quantitative Analysis: if core math requirement was  
MTH 112 then MTH 116 – Applied MTH with  
Calculus or MTH 121- Calculus and Analytic  
Geometry I

Choose one of the following Information Systems Environments:

**Business Option (16 s.h.):**

Select any four courses from the Business Administration  
minor

**-OR-**

**Biology Option (16 s.h.):**

\_\_\_\_\_ \*BIO 111 & 113 (4)

\_\_\_\_\_ \*BIO 112 & 114 (4)

Select 8 hours taken from BIO 200, 300, or 400 level  
courses of interests:

**-OR-**

**Criminal Justice Studies Option (16 s.h.):**

Select one (1) course from CJS minor core: PSY 357,  
SOC 355, or HUS 359

Select 12 hours from remaining CJS minor core or  
Other available electives:

\_\_\_\_\_ Major Total (s.h.)

**\*Required in major; may count in General Studies.**