2008-09
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.)________________________
(Must be outside major.)
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:
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 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 ______________________(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.]

*Required in major; may count in General Studies.

Major Requirements
A minimum of 60 s.h. in the following courses is required.

______CIS 216 (4) – Programming in a Visual Environment
______CIS 245 (4) – Operating Systems and Networks
______CIS 301 (4) – Database Management and Analysis
______CIS 330 (4) – Systems Analysis & Design
______CIS 430 (4) – Project Implementation and Management
______MTH 206 (4) – Discrete Structures
______ (4)- Elective chosen from any 300-400 level course in CIS
OR  CSC 230 – Computer Science I

Choose 12 sh from one of the following concentrations:

Web Development
_______CIS 310 (4) – User-Centered Web Design
_______CIS 325 (4) – Web Development
_______CSC 130 (4) – Computer Science I

Enterprise Networks
_______CIS 211 (4) – Management Information Systems
_______CIS 320 (4) – Building Collaborative Environments
_______CIS 345 (4) – Network Design and Security

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 or 212 then MTH 116 – Applied Calculus or MTH 121- Calculus and Analytic Geometry I

Information Systems Environments: 16 sh

Select any four courses from the Business Administration Minor:
(BUS 304, 311, 303, 323, FIN 303, *ECO 111, ACC 201)

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______Major Total (s.h.)