2007-08 CHECKLIST FOR GRADUATION REQUIREMENTS IN COMPUTER INFORMATION SYSTEMS – BACHELOR OF ARTS

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.)
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, 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** (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 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, & 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.)

**Major Requirements**
A minimum of 44 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

Elective chosen from any 300/400 level courses in CIS OR CSC 230

_______(4sh)

Choose 12 sh from one concentration:

**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 342 (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

_______(4sh)

**Major Total** (s.h.)

*Required in major; may count in General Studies.