2008-09  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.)____________________________
(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:**
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.)

**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 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 340  (4) – Project Implementation and Management
____ *MTH 206  (4) – Discrete Structures
____ (4) - Elective chosen from any 300/400 level courses in CIS OR CSC 230

Choose 12 s.h 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 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

____ Major Total (s.h.)