**2009-10 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:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GST 110</td>
<td>Global Experience</td>
<td>4</td>
</tr>
<tr>
<td>ENG 110</td>
<td>College Writing</td>
<td>4</td>
</tr>
</tbody>
</table>

**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:**
May be met by any one of the following: scoring 4 or 5 on the IB Higher Level exam; placing beyond FL 122 on the CAPE placement test; completing a 122-level language course; or completing a semester or summer in a university approved program in a non-English speaking country that includes a course in English language study utilized to meet the graduation requirement.

**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.]

**Society** (8 s.h.)

[Eight hours chosen from at least two of the following: economics, geography, human services - HSS 111 only, 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 (CSC 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 coursework outside the major field and chosen from areas 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 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
- ___(4) - Elective chosen from any 300/400 level courses in CIS OR CSC 230

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 Systems**

- ___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.)