

**Curriculum Change Form**  
**(Present only one proposed curriculum change per form)**  
**(Complete only the section(s) applicable.)**

**Part I**

(Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input checked="" type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Department Name</td> <td style="width: 50%;">Computer Science</td> </tr> <tr> <td>College</td> <td>College of Arts and Sciences</td> </tr> <tr> <td>*Course Prefix &amp; Number</td> <td></td> </tr> <tr> <td>*Course Title (30 characters)</td> <td></td> </tr> <tr> <td>*Program Title</td> <td>M.S. in Applied Computing</td> </tr> <tr> <td></td> <td>(Major __, Option <u>X</u>; Minor __; or Certificate __)</td> </tr> <tr> <td colspan="2">*Provide only the information relevant to the proposal.</td> </tr> </table>	Department Name	Computer Science	College	College of Arts and Sciences	*Course Prefix & Number		*Course Title (30 characters)		*Program Title	M.S. in Applied Computing		(Major __, Option <u>X</u> ; Minor __; or Certificate __)	*Provide only the information relevant to the proposal.															
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<p>*If Applicable (Type NA if not applicable.)          **Approval needed for new, revised, or suspended programs          ***Approval/Posting needed for new degree program or certificate program</p>																													

**Completion of A, B, and C is required: (Please be specific, but concise.)**

<p><b>A. 1. Specific action requested:</b> (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)</p> <p>Add an option in Statistical Computing to the M.S. in Applied Computing degree</p> <p><b>A. 2. Effective date:</b> (Example: Fall 2001)</p> <p>Fall 2004</p> <p><b>A. 3. Effective date of suspended programs for currently enrolled students:</b> (if applicable)</p>	<p><b>B. The justification for this action:</b></p> <p>The combined knowledge of computing and Statistics is more and more in demand in the industry and the research agencies. This option combines the existing courses in the Computer Science and Statistics to create a very valuable degree option.</p> <hr/> <p><b>C. The projected cost (or savings) of this proposal is as follows:</b></p> <p>Personnel Impact: None</p> <p>Operating Expenses Impact: None</p> <p>Equipment/Physical Facility Needs: None</p> <p>Library Resources: None</p>
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**Part III. Recording Data for New, Revised, or Suspended Program**

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide (a) the current program requirements and (b) the revised program, reflecting the exact changes being proposed.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

Current Program Requirements as Shown in Catalog

**Degree Requirements**

**Core Requirements** ..... 12 hours  
CSC 730, 735, 745, 831.

**Option in Software Engineering** ..... 18 hours  
CSC 746, 812, 833, 834, 835, 860.

**Electives** ..... 6 hours

**Total Curriculum Requirements** ..... 36 hours

**Option in Business Computing** ..... 18 hours  
ACS 850, CIS 850, 860, CSC 834, 860, MGT 850.

**Electives** ..... 6 hours

**Total Curriculum Requirements** ..... 36 hours

**Option in Industrial Computing** ..... 21 hours  
CSC 812, 834, 860, INT 730, 801, 804, 805.

**Electives** ..... 3 hours

**Total Curriculum Requirements** ..... 36 hours

**ELECTIVES**

Select 6 hours of electives from the following. CIS 850, 860, 870, CSC 745, 746, 750, 833, 835, 842, 890, 895, ECO 854, INT 706, 730, 801, 804, 805, MAT 755, 706, 806, 871, 872, STA 700, 720, 721, 775, 825, TEC 830, 867. Credit in a student's declared option does not apply toward the elective requirements. The total number of hours of option and elective course work in the College of Business and Technology cannot exceed 15.

New or Revised\* Program  
(\*Use ~~strikeout~~ for deletions and underlines for additions.)

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Option in Industrial Computing ..... 21 hours

CSC 812, 834, 860, INT 730, 801, 804, 805.

Electives ..... 3 hours

Total Curriculum Requirements..... 36 hours

Option in Statistical Computing ..... 18 hours

STA 700, 701, 775, 880 and two of STA 890, CSC 812, 833, 834,

890 (with approved topic for this option), or INT 805.

Electives (must be at 800 level) ..... 6 hours

Total Curriculum Requirements..... 36 hours

### ELECTIVES

Select 6 hours of electives from the following. ACS 850, CIS 850, 860, 870, CSC 740, 745, 746, 750, 812, 833, 834, 835, 842, 860, 890, 895, ECO 854, INT 706, 730, 801, 804, 805, MAT 755, 706, 806, 871, 872, MGT 850, STA 700, 720, 721, 775, 825, 785, TEC 830, 867. Credit in a student's declared option does not apply toward the elective requirements. The total number of hours of option and elective course work in the College of Business and Technology cannot exceed 15.