



SACRAMENTO  
STATE

# Program Proposal Form B



<b>Academic Group (College):</b> College of Engineering and Computer Science	<b>Date of Submission to College Dean:</b> May 20, 2009
<b>Academic Organization (Department):</b> Computer Science Department	<b>Requested Effective:</b> Fall <u>X</u> , Spring __, 2009__.
<b>Department Chair:</b> Du Zhang	<b>Contact if not Department Chair:</b>

**Title of the Program:** M.S. in Software Engineering

**Type of Program Proposal:**

- Modification in Existing Program:**
- Substantive Change
  - Non-Substantive Change
  - Deletion of Existing Program

**New Programs**

- Initiation (Projection) of New Program on to Master Plan
- New Degree Programs
  - Regular Process
  - Fast Track Process
  - Pilot Process
- New Minor, Concentration, Option, Specialization, Emphasis
- New Certificate Program

**PLEASE NOTE:** Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at <http://www.csus.edu/acaf/univmanual/index.htm>

**Briefly describe the program proposal (new or change) and provide a justification.**

**Description:** Add one more option (below) to the current requirement. The same option has been available for MS in CS students:

- One of the following upper-division courses: CSC 142, CSC 148, CSC 155, CSC 159, CSC 165, CSC 176, CSC 177 as along as they have not been used towards another degree. (A maximum of 6 undergraduate units may be used in any graduate program.)

**Justification:** This change is to provide one more option for MS in SE students to take electives addressing their educational background and goals.

**Approvals:**

**Department Chair:** \_\_\_\_\_ **Date:** 5/21/09

**College Dean:** *John O. DeBuzze* \_\_\_\_\_ **Date:** 9/21/09

**University Committee:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Associate Vice President and Dean for Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**ANALYSIS OF PROGRAM CHANGE PROPOSAL  
FOR THE M.S. IN SOFTWARE ENGINEERING  
May 20, 2009**

1. **Form B:** Attached.

2. **Programmatic or Fiscal Impact on Other Academic Units' Programs.**

N/A

3. **Fiscal Analysis of Proposed Changes.**

a. **How will the proposed changes be accommodated within department/college existing fiscal resources?**

No additional resources are needed.

b. **If the proposed changes will require additional resources, describe the level and nature of additional funding the college will seek.**

N/A.

c. **What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed? Estimate the cost and indicate how these resource needs will be accommodated.**

N/A.

4. **New/Old Program Requirements**

See the next page.

**Proposed Changes:**

Add one more option (below) to the current requirement:

- One of the following upper-division courses: CSC 142, CSC 148, CSC 155, CSC 159, CSC 165, CSC 176, CSC 177 as along as they have not been used towards another degree. (A maximum of 6 undergraduate units may be used in any graduate program.)

<b>NEW PROGRAM REQUIREMENTS</b>	<b>OLD PROGRAM REQUIREMENTS</b>
<p><b>C. Restricted Electives (3-6 units)</b></p> <p>Prior to taking an elective course, students must obtain approval of their advisor, and either the Graduate Coordinator or the Department Chair.</p> <p>Students should choose their electives according to the following guidelines:</p> <ol style="list-style-type: none"><li>1. One of the following upper-division courses: CSC 142, CSC 148, CSC 155, CSC 159, CSC 165, CSC 176, CSC 177, as along as they have not been used towards another degree. (A maximum of 6 undergraduate units may be used in any graduate program.)</li><li>2. Any 200-level CSC courses not already used to satisfy requirement A and B, with the exception of CSC 295 and CSC 299. An additional three units in this category must be taken if a core course is waived.</li><li>3. Related 200-level courses from outside the Computer Science Department may only be taken with prior department approval and may not have been used in another program.</li></ol>	<p><b>C. Restricted Electives (3-6 units)</b></p> <p>Prior to taking an elective course, students must obtain approval of their advisor, and either the Graduate Coordinator or the Department Chair.</p> <p>Students should choose their electives according to the following guidelines:</p> <ol style="list-style-type: none"><li>1. ++++++</li><li>2. Any 200-level CSC courses not already used to satisfy requirement A and B, with the exception of CSC 295 and CSC 299. An additional three units in this category must be taken if a core course is waived.</li><li>3. Related 200-level courses from outside the Computer Science Department may only be taken with prior department approval and may not have been used in another program.</li></ol>