



SACRAMENTO STATE

Program Proposal Form B



Academic Group: College of Engineering & Computer Science	Date of Submission to College Dean: December 19, 2006
Academic Organization: Computer Science Dept.	Requested Effective: Fall <u>X</u> , Spring <u> </u> , 200 <u>7</u> .
Department Chair: Du Zhang	Contact if not Department Chair:

Title of the Program: M.S. in Computer Science

Type of Program Proposal:

 X Modification in Existing Program:
 Substantive Change
 X 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 CSC 165 to the list of restricted electives.

Justification: New undergraduate course CSC 165, Computer Game Architecture and Implementation, should be added to the restricted electives of the MS in Computer Science program because currently there is no graduate level course in this subject area. Adding this course to the list of restricted electives would fill a gap.

Approvals:

Department Chair: Date: 12/19/2006

College Dean: Date: 3/23/07

University Committee: _____ Date: _____

Associate Vice President and Dean for Academic Affairs: _____ Date: _____

**ANALYSIS OF PROGRAM CHANGE PROPOSAL
FOR THE M.S. IN COMPUTER SCIENCE
December 19, 2006**

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

Proposed Changes:

Add CSC 165 to the list of restricted electives.

NEW PROGRAM REQUIREMENTS

C. Restricted Electives (3-6 units)

Prior to taking an elective course, students must obtain approval of their advisor, and either the Graduate Coordinator or the Department Chair.

Students should choose their electives according to the following guidelines:

1. One of the following upper division courses: CSC 142, CSC 148, CSC 155, CSC 159, **CSC 165**, CSC 176, CSC 177 as long as they have not been used towards another degree. (A maximum of 6 undergraduate units may be used in any graduate program.)
2. Any 200-level CSC courses not already used to satisfy the Breadth Requirement, with the exception of CSC 295 and CSC 299. Students not required to take CSC 204 or CSC 205 must, for each course waived, take an additional three units in this category.
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.

OLD PROGRAM REQUIREMENTS

C. Restricted Electives (3-6 units)

Prior to taking an elective course, students must obtain approval of their advisor, and either the Graduate Coordinator or the Department Chair.

Students should choose their electives according to the following guidelines:

1. One of the following upper division courses: CSC 142, CSC 148, CSC 155, CSC 159, +++++, CSC 176, CSC 177, as long as they have not been used towards another degree. (A maximum of 6 undergraduate units may be used in any graduate program.)
2. Any 200-level CSC courses not already used to satisfy the Breadth Requirement, with the exception of CSC 295 and CSC 299. Students not required to take CSC 204 or CSC 205 must, for each course waived, take an additional three units in this category.
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.