



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> February 26, 2007
<b>Academic Organization (Department):</b> Computer Science Department	<b>Requested Effective:</b> Fall <u>X</u> , Spring <u>  </u> , 2007 <u>  </u> .
<b>Department Chair:</b> Du Zhang	<b>Contact if not Department Chair:</b>

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

**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>

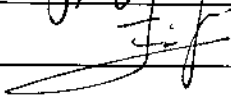
**Briefly describe the program proposal (new or change) and provide a justification.**

Add CSC 134, Database Management and File Organization, to the program admission requirements.

This requirement will ensure better preparation for graduate course work and better evaluation of applicants' overall academic background. Because almost all graduate program applicants have database course background, the addition of this requirement will not adversely impact the number or expectations of applicants.

**Approvals:**

**Department Chair:**  **Date:** 2/27/2007

**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  
February 26, 2007**

1. **Form B:** Attached.

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

There will be no programmatic or fiscal impact on other academic units' programs.

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

NEW ADMISSION REQUIREMENTS	OLD ADMISSION REQUIREMENTS
<p data-bbox="228 317 748 380">Admission as a classified graduate student requires:</p> <ul data-bbox="228 390 837 1293" style="list-style-type: none"><li data-bbox="228 390 594 422">• A baccalaureate degree;</li><li data-bbox="228 432 781 495">• A minimum 3.0 GPA in the last 60 units attempted;</li><li data-bbox="228 506 513 537">• GRE general test;</li><li data-bbox="228 548 813 705">• Mathematical preparation including two semesters of calculus and one semester of calculus-based probability and statistics corresponding to Sacramento State courses MATH 030, MATH 031, STAT 050;</li><li data-bbox="228 716 837 1083">• Computer Science lower division preparation including programming proficiency, discrete structures, machine organization, and UNIX and PC-based program development environment proficiency corresponding to Sacramento State courses CSC 015, CSC 020, CSC 028, CSC 035, and CSC 060 and as evidenced by a pass on the graduate student placement test or a baccalaureate degree in Computer Science; and</li><li data-bbox="228 1094 813 1293">• Computer Science advanced preparation as evidenced by a 3.25 GPA in the following Sacramento State upper division computer science courses or their equivalent elsewhere: CSC 130, CSC 131, CSC 132, CSC 134, CSC 137, CSC 138, CSC 139.</li></ul> <p data-bbox="228 1304 829 1400">Applicants with deficiencies in the admission requirements area are advised to remove any such deficiencies before applying.</p>	<p data-bbox="846 317 1365 380">Admission as a classified graduate student requires:</p> <ul data-bbox="846 390 1455 1293" style="list-style-type: none"><li data-bbox="846 390 1211 422">• A baccalaureate degree;</li><li data-bbox="846 432 1398 495">• A minimum 3.0 GPA in the last 60 units attempted;</li><li data-bbox="846 506 1138 537">• GRE general test;</li><li data-bbox="846 548 1438 705">• Mathematical preparation including two semesters of calculus and one semester of calculus-based probability and statistics corresponding to Sacramento State courses MATH 030, MATH 031, STAT 050;</li><li data-bbox="846 716 1446 1083">• Computer Science lower division preparation including programming proficiency, discrete structures, machine organization, and UNIX and PC-based program development environment proficiency corresponding to Sacramento State courses CSC 015, CSC 020, CSC 028, CSC 035, and CSC 060 and as evidenced by a pass on the graduate student placement test or a baccalaureate degree in Computer Science; and</li><li data-bbox="846 1094 1438 1293">• Computer Science advanced preparation as evidenced by a 3.25 GPA in the following Sacramento State upper division computer science courses or their equivalent elsewhere: CSC 130, CSC 131, CSC 132, ++++++, CSC 137, CSC 138, CSC 139.</li></ul> <p data-bbox="846 1304 1398 1400">Applicants with deficiencies in the admission requirements area are advised to remove any such deficiencies before applying.</p>