Program Proposal
Form B

Academic Group (College): NSM
Date of Submission to College Dean: 9/28/2011

Academic Organization (Department): Chemistry
Requested Effective: Fall __, Spring __ 2012 __

Department Chair: Linda Roberts
Contact if not Department Chair:

Title of the Program (Please be specific; indicate minor, undergraduate or graduate degree, etc.):
Master of Science in Chemistry

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/umanual/acad.htm

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

We are making two changes to our graduate program, both of which are intended to bring us into compliance with Title V and with CSUS Graduate Program policies. The first of these is to clarify that the minimum number of 200-level seminar units required for the degree is eighteen. The second change is to reduce the number of 299 units from eight to six. At the same time, we are increasing the number of 500 units from two to four. Not only does this bring our program into compliance with Graduate Program policies, we believe the increase in 500 units better reflects the time and scope of educational experience involved in writing a thesis.

Approvals:

Department Chair: ____________________________ Date: 10/25/2011
College Dean: _______________________________ Date: 10/25/11
University Committee: _________________________ Date: __________________
Associate Vice President and Dean for Academic Affairs: __________________________ Date: __________________

09/10/2008
Non-substantive changes to Master of Science in Chemistry (no concentration) degree  
Proposer: Linda Roberts, Chair, Department of Chemistry  
Fall, 2011

1. **Clarification of total undergraduate units in the degree.** Our current catalog copy does not make clear that a maximum of two undergraduate units are allowed in the master's degree so that our students are in compliance with the CSUS requirement of eighteen 200-level seminar units. We will change the copy by adding the sentence "A maximum of 2 units of upper division undergraduate courses may be used toward fulfilling electives."

2. **Change in distribution of 299/500 units.** The Graduate Program limits 299 units to a maximum of six. To comply with this and at the same time increase the units applied to thesis writing, we propose to change 299 units from eight to six and increase 500 units from two to four.

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<thead>
<tr>
<th>Current catalog copy</th>
<th>Proposed catalog copy</th>
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<tbody>
<tr>
<td><strong>B. Electives</strong></td>
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<td>(6) Select two of the following:</td>
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<td>CHEM 245</td>
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<td>Upper division course approved by graduate advisor and department chair (e.g. BIO 180, CHEM 110, CHEM 126, CHEM 128, CHEM 141)</td>
<td>Upper division course approved by graduate advisor and department chair (e.g. BIO 180, CHEM 110, CHEM 126, CHEM 128, CHEM 141). A maximum of 2 units of upper division undergraduate coursework may be used toward fulfilling electives.</td>
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<td><strong>C. Completion Requirements</strong> (10 units)</td>
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<td>(8) CHEM 299 Special Problems</td>
<td>(6) CHEM 299 Special Problems</td>
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<td>(2) CHEM 500 Culminating Experience</td>
<td>(4) CHEM 500 Culminating Experience</td>
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