Please explain the requested change(s) and offer rationale below and/or attached:

The Department of Chemistry and Biochemistry requests changes to the Master of Science in Teaching (Chemistry) program. This program has not been accepting students for several years due to a lack of interest. The problem has been that practicing or prospective chemistry teachers are typically not willing or able to undertake a detailed research project culminating in a thesis that they have to defend. Therefore, the changes we are requesting are designed to make this a non-thesis degree. Appropriate catalogue changes are proposed (see attached, changes highlighted in red text).

Faculty contact, email and complete phone number: Andrew Terentis, terentis@fau.edu, 561-809-9192

Consult and list departments that might be affected by the change and attach comments.

Approved by: 
Department Chair: [Signature] 
College Curriculum Chair: ____________________________
College Dean: ____________________________
UGPC Chair: ____________________________
Graduate College Dean: ____________________________
UFS President: ____________________________
Provost: ____________________________

Date: 1/11/2016

Email this form and syllabus to UGPC@fau.edu one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.

Proposed Catalogue Changes:
FAUprogramchangeGrad—Revised November 2012
Proposed Catalogue Changes:

Master of Science in Teaching (Chemistry)

Admission Requirements
In addition to the University's general graduate admission requirements, the typical prerequisite for admission to the Master of Science in Teaching degree program in the Department of Chemistry and Biochemistry is the Bachelor of Arts degree in chemistry or its equivalent. Students must have achieved a minimum 3.0 GPA in the last 60 credits of undergraduate work or scores of at least 148 (verbal) and 147 (quantitative) on the Graduate Record Exam.

Degree Program
The M.S.T. in Chemistry program provides post-baccalaureate education for secondary teachers, community college instructors and other individuals who wish to pursue these careers. The degree program requires a minimum of 30 credits of graduate coursework. All elective courses must be approved by the Department of Chemistry and Biochemistry graduate committee. Students also perform independent study (Graduate Research) under the supervision of a Department of Chemistry and Biochemistry faculty member, typically with a chemical education theme, and culminating in the presentation of a graduate seminar. The minimum degree requirements are listed below.

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Chemical Research (CHM 5944)</td>
<td>1</td>
</tr>
<tr>
<td>Instrumentation (CHM 6157)</td>
<td>3</td>
</tr>
<tr>
<td>Kinetics and Energetics (CHM 6720)</td>
<td>3</td>
</tr>
<tr>
<td>Synthesis and Characterization (CHM 6730)</td>
<td>3</td>
</tr>
<tr>
<td>Graduate Research (CHM 6918)</td>
<td>4</td>
</tr>
<tr>
<td>Graduate Seminar (non-thesis) (CHM 6935)</td>
<td>1</td>
</tr>
</tbody>
</table>

Graduate Level Electives
- Chemistry Electives: 9 credits
- Education Electives: 6 credits

Minimum Total: 30 credits