Revision of Graduate Program Policy to change admission requirements for the Concentration in Science Education for the M.Ed. in Curriculum and Instruction

This form is a routing document for the approval of new and revised academic programs. Page 2 will serve as an attachment to the Faculty Senate agenda. Proposing department should complete form, attach as a cover page and forward to the college dean. Documentation should include copy of curriculum as it is to appear in the Undergraduate and Graduate Catalog. Proposals must arrive to the Undergraduate/Graduate Committee by November in order to reach the Faculty Senate by March 1. Proposals received after this date cannot be implemented the following year nor included in the catalog for that year.

1. Proposed change leads to the degree of
   - ( ) Bachelor of Arts
   - ( ) Master of Arts
   - ( ) Doctor of Philosophy
   - ( ) Bachelor of Science
   - ( ) Master of Science
   - (XX) Other
   - Master of Education

2. ( ) New major/curriculum
   - Title to be entered in record of students who select this program
   - ( ) New minor
   - Title to be entered in record of students who select this program
   - ( ) Change from provisional to permanent status.

3. ( ) Revision of existing:
   - ( ) major
   - ( ) minor
   - (XX) concentration
   - Present title: Concentration: Science Education
   - Records System Program Code
   - ( ) Add/delete required courses/credit hours
   - ( ) Add concentration
   - Title
   - ( ) Delete concentration
   - Title

4. ( ) Deletion of existing/disestablish:
   - ( ) major
   - ( ) minor
   - ( ) other
   - Title
   - Code

5. (XX) Policy Change
   - Require additional standardized test as part of admissions process for applicants to the M.Ed in Curriculum and Instruction/Science Education concentration
   - Title/Department: School of Education

ROUTING AND APPROVALS: (Please do not remove supporting documentation.)

- Department Chairperson ____________________________ Date __________________
- Dean of College ____________________________ Date __________________
- Chairperson, College Curriculum Committee ____________________________ Date __________________
- Chairperson, Senate Com. on UG or GR Studies ____________________________ Date __________________
- Chairperson, Senate Coordinating Com. ____________________________ Date __________________
- Secretary, Faculty Senate ____________________________ Date __________________
- Date of Senate Resolution ____________________________ Date to be Effective ________
- Registrar ____________________________ Program Code ____________________________ Date __________________
- Vice Provost for Academic Programs & Planning ____________________________ Date __________________
- Provost ____________________________ Date __________________
a. Rationale for creation, revision, or deletion:

One of the current degree programs in the School of Education is an M.Ed. in Curriculum and Instruction, and within this major there are four concentrations:
Science Education,
Mathematics Education,
Secondary Mathematics Education, and
Social Studies Education.

The Science Education concentration admits two groups of students: those who are already certified as secondary science teachers and those who have a bachelors degree in a science major and are seeking initial certification to teach.

The School of Education requests a change to the admissions requirements for those applicants to the science education concentration who are seeking initial certification to teach. In addition to the current admissions requirements, we would like to add a requirement that these applicants must submit scores for the Praxis II Content Area Test that is directly applicable to the subject area in which they intend to teach (e.g., Biology, Chemistry, Physics). Applicants to this degree program who are already certified to teach would not be required to submit Praxis II scores.

All other admissions and program requirements would remain the same.

b. Summary of program:

No course changes are requested, although the titles for EDUC 613, EDUC 614, EDUC 619, and EDUC 750 are changed below to be consistent with course changes currently submitted to the challenge list.
<table>
<thead>
<tr>
<th>Non Certification Option</th>
<th>Certification Option</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL CREDITS FOR DEGREE: 33</strong></td>
<td><strong>TOTAL CREDITS FOR DEGREE: 39</strong></td>
</tr>
<tr>
<td>Required course work: 12 Credits</td>
<td>Required course work: 12 credits</td>
</tr>
<tr>
<td>EDUC 640, Introduction to Curriculum</td>
<td>EDUC 640, Introduction to Curriculum</td>
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<tr>
<td>EDUC 600, Teacher as Researcher <strong>OR</strong></td>
<td>EDUC 600, Teacher as Researcher <strong>OR</strong></td>
</tr>
<tr>
<td>EDUC 607, Educational Research Procedures <strong>OR</strong></td>
<td>EDUC 607, Educational Research Procedures <strong>OR</strong></td>
</tr>
<tr>
<td>EDUC 660, Applied Educational Measurement</td>
<td>EDUC 660, Applied Educational Measurement</td>
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<tr>
<td>EDUC 641, Science Curriculum and Instruction</td>
<td>EDUC 641, Science Curriculum and Instruction</td>
</tr>
<tr>
<td>EDUC 642, Topics in Science Education</td>
<td>EDUC 696, Secondary Science Methods</td>
</tr>
<tr>
<td><strong>Elective Coursework 15 or 21 credits</strong></td>
<td><strong>Elective Coursework 6 credits</strong></td>
</tr>
<tr>
<td>This program has a Thesis and Non-Thesis Option. Students take 15 credits of electives</td>
<td>Two graduate science courses that relate to the students’ certification area.</td>
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<tr>
<td>plus 6 credits of Master’s Thesis (EDUC 869) for the Thesis Option. Students take 21</td>
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<tr>
<td>credits of elective coursework for the Non-Thesis Option. At least 9 of the electives’</td>
<td></td>
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<tr>
<td>credits should be in science content.</td>
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<tr>
<td><strong>Students seeking initial certification as a secondary science teacher must complete the</strong></td>
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<tr>
<td>coursework below: 21 credits</td>
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<tr>
<td>EDUC 613, Adolescent Development and Educational Psychology</td>
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<tr>
<td>EDUC 614, Teaching Exception Adolescents</td>
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<tr>
<td>EDUC 619, Diversity in Secondary Education</td>
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<tr>
<td>EDUC 622, Literacy in the Content Areas</td>
<td></td>
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<tr>
<td>EDUC 658, Discipline and Classroom Management</td>
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<tr>
<td>EDUC 750, Graduate Teaching Internship (6 credits)</td>
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</tbody>
</table>
AUTHORIZED DEGREE TITLES
Please check the appropriate degree:

( ) Bachelor of Applied Science
( ) Bachelor of Arts
( ) Bachelor of Arts in Educational Studies
( ) Bachelor of Arts in Liberal Studies
( ) Bachelor of Chemical Engineering
( ) Bachelor of Civil Engineering
( ) Bachelor of Computer Engineering
( ) Bachelor of Electrical Engineering
( ) Bachelor of Environmental Engineering
( ) Bachelor of Fine Arts
( ) Bachelor of Liberal Studies
( ) Bachelor of Mechanical Engineering
( ) Bachelor of Music
( ) Bachelor of Science
( ) Bachelor of Science in Accounting
( ) Bachelor of Science in Agriculture
( ) Bachelor of Science in Business Administration
( ) Bachelor of Science in Education
( ) Bachelor of Science in Nursing
( ) Master of Applied Sciences
( ) Master of Arts
( ) Master of Arts in Liberal Studies
( ) Master of Business Administration
( ) Master of Chemical Engineering
( ) Master of Civil Engineering
(XX) Master of Education
( ) Master of Electrical Engineering
( ) Master of Environmental and Energy Policy
( ) Master of Fine Arts
( ) Master of Instruction
( ) Master of Marine Policy
( ) Master of Materials Science and Engineering
( ) Master of Mechanical Engineering
( ) Master of Music
( ) Master of Physical Therapy
( ) Master of Public Administration
( ) Master of Science
( ) Master of Science in Nursing
( ) Doctor of Education
( ) Doctor of Philosophy

This document will be retained permanently in the Faculty Senate Office.

Revised 04/23/01