South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION
This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: SDSU

2. CURRENT PROGRAM NAME: Undergraduate Minor in Mathematics (SMATH)

3. THIS PROPOSAL DEALS WITH A CHANGE IN:
   Distribution of Credits
   X total credits required within the discipline           Program name
   ______ total credits of supportive course work         Existing specialization
   X total credits of elective course work                Addition of specialization
   X total credits required for program                   X Other (explain)

Other: expanding the list of optional courses that may be used to obtain the minor.

4. LEVEL:           5. CATEGORY:
   _____ Certificate                _____ Minor
   _____ Associate Degree           _____ Major
   X  Bachelor’s Degree             _____ Specialization
   _____ Master’s Degree            _____ Specialization
   _____ Doctoral Degree

6. EFFECTIVE DATE OF CHANGE: Fall 2012

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:
   _____ on the effective date for all students
   _____ on the effective date for students new to the program
   (enrolled students will graduate from existing program)

Not applicable.
8. PRIMARY ASPECTS OF THE MODIFICATION:

<table>
<thead>
<tr>
<th>Existing Curriculum</th>
<th>Proposed Curriculum (Highlight Changes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Program Name: Undergraduate Minor in Mathematics</td>
<td>Proposed Program Name: Undergraduate Minor in Mathematics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pre</th>
<th>Num</th>
<th>Title</th>
<th>Cr Hrs</th>
<th>Pre</th>
<th>Num</th>
<th>Title</th>
<th>Cr Hrs</th>
</tr>
</thead>
<tbody>
<tr>
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<td>123</td>
<td>Calculus I</td>
<td>4</td>
<td></td>
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<tr>
<td>MATH</td>
<td>125</td>
<td>Calculus II</td>
<td>4</td>
<td>MATH</td>
<td>125</td>
<td>Calculus II</td>
<td>4</td>
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<td></td>
<td>MATH</td>
<td>225</td>
<td>Calculus III</td>
<td>4</td>
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<tr>
<td>MATH</td>
<td>253</td>
<td>Logic, Sets, and Proof</td>
<td>3</td>
<td>MATH</td>
<td>253</td>
<td>Logic, Sets, and Proof</td>
<td>3</td>
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<td>361</td>
<td>Modern Geometry</td>
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<td>411</td>
<td>Theory of Numbers</td>
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<td>History of Math</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td>An average grade of &quot;C&quot; or better is required in the minor courses.</td>
<td>An average grade of &quot;C&quot; or better is required in each course.</td>
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<td></td>
</tr>
</tbody>
</table>

Also take 12 credits of MATH courses at the 200 level or above or STAT courses at the 300 level or above. Also take 7 credits of MATH courses at the 200 level or above or STAT courses at the 300 level or above. This may include additional courses chosen from the list of four above.

Total number of hours required for major, minor, or specialization: 23
Total number of hours required for degree: NA

9. EXPLANATION OF THE CHANGE:

It is proposed that the number of credits change to bring the required number of credits in line with that in many other minors, and that the list of optional courses expand to reflect changes in student needs relative to many years ago when this minor was last modified.

Laurie Stenberg Nichols
Institutional Authorization (President or Designee) 4/24/2012
Date Submitted