MATHEMATICS EDUCATION MINOR

Description

Students pursuing a minor in Mathematics Education will be required to take courses that introduce them to teaching, mathematics education topics, and mathematical content to solidify their understanding of secondary mathematics. In addition to the required courses, students will choose electives of interest from options in Education and Mathematics, in consultation with the minor advisor.

Completion of this minor does not lead to teaching certification. Students should meet with the minor advisor to discuss potential pathways and to determine what additional courses are needed.

Requirements

Academic Policies - Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 700</td>
<td>Introduction to Mathematics Education ¹</td>
<td>4</td>
</tr>
<tr>
<td>or MATH 709</td>
<td>Teaching of Mathematics in Grades 6-12</td>
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<tr>
<td>MATH 624</td>
<td>Analysis of Secondary School Mathematics ³</td>
<td>4</td>
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<tr>
<td>EDUC 500</td>
<td>Exploring Teaching ¹</td>
<td>4</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Select one of the following options:</td>
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<td>8</td>
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<tr>
<td>Option 1:</td>
<td>Select one MATH and one EDUC course from the list below.</td>
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<tr>
<td>MATH 531</td>
<td>Mathematical Proof ¹</td>
<td></td>
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<tr>
<td>MATH 645</td>
<td>Introduction to Linear Algebra ³</td>
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<tr>
<td>or MATH 645</td>
<td>Linear Algebra for Applications</td>
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<tr>
<td>MATH 700</td>
<td>Introduction to Mathematics Education ¹</td>
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<tr>
<td>or MATH 709</td>
<td>Teaching of Mathematics in Grades 6-12</td>
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<tr>
<td>MATH 750</td>
<td>Geometry ³</td>
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<tr>
<td>MATH 750</td>
<td>Historical Foundations of Mathematics ³</td>
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<tr>
<td>MATH 797</td>
<td>Senior Seminar (Math Ed Section) ¹</td>
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<td>EDUC 525</td>
<td>Teaching Race</td>
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<td>EDUC 556</td>
<td>Peer to Peer Mentoring for Students with Disabilities</td>
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<tr>
<td>EDUC 605</td>
<td>Educational Perspectives in Critical Times ¹</td>
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<td>EDUC 701</td>
<td>Human Development &amp; Learning: Cultural Perspectives ¹</td>
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<tr>
<td>EDUC 703C</td>
<td>Classroom Management: Creating Positive Learning Environments</td>
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<tr>
<td>EDUC 751B</td>
<td>Methods of Inclusive Secondary Education: Literacies, Learning, and Transitions ¹</td>
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</tbody>
</table>

Total Credits | 20

¹ Course is required for the BS in Mathematics Education: Secondary Option and/or for teacher certification through UNH. Students in other majors who wish to pursue mathematics teacher certification could take some of these courses as program electives or as part of a master's degree that leads to certification.