# Mathematics, Instructional Certification: Teacher Certification in Elementary School with Subject Matter Specialization: Mathematics Grades 5-8

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initial Instructional Certification</strong></td>
<td></td>
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<tr>
<td></td>
<td>An Elementary School certificate is required in order to be eligible for this endorsement.</td>
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<tr>
<td><strong>Required Courses</strong></td>
<td></td>
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<tr>
<td>MTHM 505</td>
<td>Number and Operations in the Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>MTHM 506</td>
<td>Algebra and Algebraic Thinking in the Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>MTHM 507</td>
<td>Geometry for Middle-Grade Math Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MTHM 508</td>
<td>Data Analysis and Probability in the Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>MTHM 509</td>
<td>Measurement in the Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>15</td>
<td></td>
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</tbody>
</table>