## Curriculum Balance Sheet

### Requirements for Graduation

**Degree:** M.S. Mathematics  
**Concentration:** Community College

<table>
<thead>
<tr>
<th>DEPT</th>
<th>Course #</th>
<th>Title</th>
<th>Sem Hrs</th>
<th>GRD</th>
<th>Semester</th>
<th>Equivalent Course</th>
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<tbody>
<tr>
<td>MATH</td>
<td>503</td>
<td>Modern Algebra</td>
<td>3</td>
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<tr>
<td>MATH</td>
<td>511</td>
<td>Real Analysis</td>
<td>3</td>
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<tr>
<td>MATH</td>
<td>515</td>
<td>Applied Statistics</td>
<td>3</td>
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<tr>
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<td>Advanced Linear Algebra</td>
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<tr>
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<td>699</td>
<td>Thesis</td>
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**Concentration Requirements: 15 Credit Hours**

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<tr>
<th>DEPT</th>
<th>Course #</th>
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<th>Sem Hrs</th>
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<tbody>
<tr>
<td>MATH</td>
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<td>Complex Analysis</td>
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<tr>
<td>MATH</td>
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<td>Advanced Ordinary Differential Equations</td>
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<td>Applied Partial Differential Equation</td>
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<td>Technology in Mathematics Teaching</td>
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<td>MATT</td>
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<td>Research Methods II</td>
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**Elective Courses: 6 Credit Hours**

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