MATHEMATICS MINOR

Regulations Governing Minor Course Work
1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

Minor in Mathematics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus I - Choose 1 of the following:</td>
<td>4-5</td>
<td></td>
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<tr>
<td>MATH 161</td>
<td>Calculus 1</td>
<td></td>
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<tr>
<td>MATH 163H</td>
<td>Honors Calculus 1</td>
<td></td>
</tr>
<tr>
<td>MATH 211</td>
<td>Calculus 2</td>
<td>4</td>
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<tr>
<td>MATH 311</td>
<td>Calculus 3</td>
<td>4</td>
</tr>
<tr>
<td>MATH 322</td>
<td>Linear Algebra 1</td>
<td>4</td>
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</tbody>
</table>

Mathematics Electives - Choose 2 classes from:

- Any 3-level MATH course(s)
- Any 4-level MATH course(s)
- MATH 503 Probability and Stats for Tchr
- MATH 535 Statistical Methods 1
- MATH 566 Complex Variables
- MATH 592 Graph Theory

Note: This requirement may not be satisfied with MATH 301, MATH 304, MATH 405, or MATH 418.

Total Hours 16-17