MATHEMATICS MINOR

A student who is considering a minor should consult a Departmental advisor. At least 7 credit hours counted toward a minor must be taken at Wayne State, and transfer courses must carry a grade of C or better. The cumulative grade point average in mathematics (MAT) and statistics (STA) courses required for completion of the minor must be at least 2.0 and all coursework required must have a C- or better grade.

The requirements for a minor consist of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 2010</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2020</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2030</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2250</td>
<td>Elementary Linear Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following options for the minor electives. The number of total credits for each option will vary from 9-12 depending on which courses are chosen to fulfill the options requirements.

1. Three mathematics or statistics courses numbered 5030 or above

OR

2. Select one of the following, plus two mathematics or statistics courses numbered 5030 or above

- MAT 2150 Differential Equations and Matrix Algebra
- MAT 2350 Elementary Differential Equations
- MAT 2860 Discrete Mathematics
- MAT 5000 Fundamental Concepts of Mathematics and Proof Writing
- STA 2210 Probability and Statistics
- BE 2100 Basic Engineering III: Probability and Statistics in Engineering

Total Credits 24-27

1 In both options, the courses MAT 5120, MAT 5130, MAT 5180, MAT 5190, MAT 5992, MAT 6130, MAT 6150, MAT 6170, MAT 6180 or MAT 6210 do not satisfy the mathematics minor requirement for courses numbered 5030 or above. Only one MAT 5890 or 5990 may be used to meet the requirements.