# MATHEMATICS MINOR

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 122</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 221</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 222</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 225</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

Select 3 credits from the following:

- MATH 271 Special Topics in Modern Mathematics
- MATH 323 Complex Variables
- MATH 325 Ordinary Differential Equation
- MATH 340 Probability
- MATH 350 College Geometry
- MATH 364 Operations Research I
- MATH 369 Mathematical Modeling
- MATH 398 Vector Calculus
- MATH 425 Advanced Calculus I
- MATH 426 Advanced Calculus II
- MATH 431 Foundations of Modern Algebra
- MATH 433 Theory of Numbers
- MATH 450 Foundations of Geometry
- MATH 451 Topology
- MATH 460 Introduction to Applied Mathematics
- MATH 463 Numerical Analysis
- MATH 465 Operations Research II
- MATH 490 Honors Seminar
- MATH 495 Special Topics in Advanced Undergraduate Mathematics
- MATH 497 Mathematics Research I
- MATH 498 Mathematics Research II
- STAT 330 Fundamentals of Modern Statistics I
- STAT 341 Statistical Computing
- STAT 443 Theory of Statistics

**Math Minor Residency Requirement**

9 credits of coursework must be earned at Montclair.

| Total Credits | 19   |