### Mathematics of Finance and Actuarial Science Minor

(16 hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 222</td>
<td>Differential Equations</td>
<td>4</td>
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<tr>
<td>MATH 340</td>
<td>Applied Numerical Methods</td>
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<tr>
<td>MATH 346</td>
<td>Mathematics of Finance I</td>
<td>3</td>
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<td>Select two approved electives such as:</td>
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<tr>
<td>MATH 334</td>
<td>Operations Research</td>
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<tr>
<td>MATH 347</td>
<td>Mathematics of Finance II</td>
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<tr>
<td>MATH 432</td>
<td>Mathematics of Financial Derivatives I (Capstone I)</td>
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<tr>
<td>MATH 433</td>
<td>Mathematics of Financial Derivatives II (Capstone II)</td>
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<td>MATH 441</td>
<td>Actuarial Mathematics I</td>
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<td>MATH 448</td>
<td>Stochastic Simulation</td>
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<td>MATH 477</td>
<td>Stochastic Processes</td>
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</table>

Total Credits: **16**

More [information on this minor](http://math.njit.edu/academics/undergraduate/minorinmathfacts.php) can be found on the Mathematical Sciences website.