# 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>
</tr>
<tr>
<td>MATH 340</td>
<td>Applied Numerical Methods</td>
<td>3</td>
</tr>
<tr>
<td>MATH 346</td>
<td>Mathematics of Finance I</td>
<td>3</td>
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</tbody>
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Select two approved electives such as:

- MATH 334 Operations Research    6
- MATH 347 Mathematics of Finance II
- MATH 432 Mathematics of Financial Derivatives I (Capstone I)
- MATH 433 Mathematics of Financial Derivatives II (Capstone II)
- MATH 441 Actuarial Mathematics I
- MATH 448 Stochastic Simulation
- MATH 477 Stochastic Processes

Total Credits 16

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