MINOR IN MATHEMATICS

The Department of Mathematics offers a minor in Mathematics for those students who wish to acquire a more extensive knowledge of mathematical sciences in support of their personal interests or major area of study. If you are majoring in a technical area such as engineering or computer science, your major requirements may put you just one or two courses short of a minor in Mathematics. To earn a minor, you must complete a calculus sequence and then take 12 credits of upper-division (300+) mathematical sciences. Of these 12 credits, 9 credits must be in mathematics, but the remaining 3 credits can be in CS, MATH, STAT, or DSCI.

Requirements

Effective Fall 2016

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

A minimum grade of C is required in each MATH, STAT, and CS course required for the minor in mathematics.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Select one group from the following:</td>
<td>8</td>
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Group A:

- MATH 155 Calculus for Biological Scientists I (GT-MA1)
- MATH 255 Calculus for Biological Scientists II

Group B:

- MATH 160 Calculus for Physical Scientists I (GT-MA1)
- MATH 161 Calculus for Physical Scientists II (GT-MA1)

Group C:

- MATH 160 Calculus for Physical Scientists I (GT-MA1)
- MATH 271 Applied Mathematics for Chemists I

Choose 6-7 credits from the following:  

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH, STAT, or CS Upper-Division (300- to 400-level) courses</td>
<td>6-7</td>
<td></td>
</tr>
<tr>
<td>MATH 229</td>
<td>Matrices and Linear Equations</td>
<td></td>
</tr>
<tr>
<td>MATH 261</td>
<td>Calculus for Physical Scientists III</td>
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<tr>
<td>MATH 272</td>
<td>Applied Mathematics for Chemists II</td>
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Upper-Division Mathematics Electives (300-400-level MATH courses)  

- 9 credits

Program Total Credits: 23

1 At least 3 credits must be from the upper-division (300- to 400-level) courses.
2 Courses ending in –80 to –99 cannot be used to satisfy upper-division (300- to 400-level) requirements.