MATHEMATICS MINOR

Contact Information

Department of Mathematics
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Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

Department Programs

Majors

• Mathematics Major, B.A. (http://catalog.unc.edu/undergraduate/programs-study/mathematics-major-ba/)
• Mathematics Major, B.S. (http://catalog.unc.edu/undergraduate/programs-study/mathematics-major-bs/)

Minor

• Mathematics Minor (p. 1)

Graduate Programs

• M.A. in Mathematics (http://catalog.unc.edu/graduate/schools-departments/mathematics/)
• M.S. in Mathematics (http://catalog.unc.edu/graduate/schools-departments/mathematics/)
• Ph.D. in Mathematics (http://catalog.unc.edu/graduate/schools-departments/mathematics/)

In addition to the program requirements listed below, students must:

• take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
• earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (http://catalog.unc.edu/undergraduate/general-education-curriculum-degree-requirements/#degreeenvironmentstext).

The collection of all three lab courses MATH 383L + MATH 528L + MATH 529L

Any course numbered above MATH 500 excluding MATH 528L and MATH 529L

Additional Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 231</td>
<td>Calculus of Functions of One Variable I (^{\text{H}})</td>
<td>4</td>
</tr>
<tr>
<td>MATH 232</td>
<td>Calculus of Functions of One Variable II (^{\text{H}})</td>
<td>4</td>
</tr>
<tr>
<td>MATH 233</td>
<td>Calculus of Functions of Several Variables (^{\text{H}})</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

\(^{\text{H}}\) Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\(^{1}\) A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

See the program page here (http://catalog.unc.edu/undergraduate/programs-study/mathematics-major-ba/) for special opportunities.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 381</td>
<td>Discrete Mathematics (^{1,\text{H}})</td>
<td>3</td>
</tr>
<tr>
<td>MATH 383</td>
<td>First Course in Differential Equations (^{\text{H}})</td>
<td>3</td>
</tr>
<tr>
<td><strong>Three mathematics courses from the following list:</strong></td>
<td></td>
<td><strong>9</strong></td>
</tr>
<tr>
<td>MATH 347</td>
<td>Linear Algebra for Applications</td>
<td></td>
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</tbody>
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