Mathematical Sciences

Return to: College of Science (http://catalog.utep.edu/undergrad/college-of-science/)

The Department of Mathematical Sciences offers a Bachelor of Science (BS) degree. The BS in Mathematics allows for concentrations in Applied Mathematics, Actuarial Sciences, Secondary Education (with teacher certification in either 7-12 Mathematics or 7-12 Mathematics/Physics), and Statistics.

Registration for each course in Mathematical Sciences (with a MATH or STAT prefix) requires a minimum grade of C in all prerequisite courses.

**Advising**

All undergraduate mathematics majors are required to consult with and have their enrollment approved by their undergraduate advisor before every enrollment.

**Placement**

Students who intend to register in the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 0311</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1319</td>
<td>Math in the Modern World</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Math for Social Sciences I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1411</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1508</td>
<td>Precalculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 2301</td>
<td>Math for Social Sciences II</td>
<td>3</td>
</tr>
</tbody>
</table>

must present an official document at registration showing that they have either an adequate placement examination score or received a grade of C or better in the prerequisite course. Placement exam scores expire after five (5) years.

**GPA Requirements**

Mathematics majors must maintain a 2.0 GPA in all MATH and STAT courses (Students should refer to the Standards of Academic Performance (http://catalog.utep.edu/policies-regulations/attendance-grading/#text) section of this catalog.)

**Prerequisites**

All mathematics (MATH) or statistics (STAT) courses that have MATH or STAT prerequisites require a grade of C or better in the prerequisite course.

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Programs

Bachelor of Science

- BS in Mathematics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/mathematics-bs/)

Minor
• Minor in Mathematics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/mathematics-minor/)
• Minor in Statistics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/statistics-minor/)

Fast Track

• BS in Mathematics to MS in Mathematics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-ms-math/)
• BS in Mathematics to MS in Statistics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-ms-statistics/)
• BS in Mathematical Sciences to MBA (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-mba/)
• BS in Mathematical Sciences with Applied Mathematics Concentration to MBA (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-applied-conc-mba/)
• BS in Mathematical Sciences with Actuarial Concentration to MBA (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-actuarial-conc-mba/)
• BS in Mathematical Sciences with Data Science Concentration to MBA (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-stat-conc-mba/)
• BS in Mathematical Sciences to MS in Bioinformatics (http://catalog.utep.edu/undergrad/college-of-science/mathematical-sciences/fast-track/bs-math-ms-bioinformatics/)

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