Mathematics (Secondary Education), BS

LAMATSBS

Flexibility is one of the great advantages of this program. You get all the options of a bachelor's degree in both mathematics and education, with choices that include attending graduate school for mathematics or mathematics education; seeking employment in business, finance, technology or other industries; and teaching high school mathematics.

Program Description

The BS program in mathematics with a concentration in secondary education provides an excellent pathway for students interested in teaching. Students acquire strong content knowledge in diverse areas of math and the skills to convey these concepts to others. This degree program offers a deeper mastery of mathematics coupled with the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level take courses preparing them to earn certification in the state of Arizona through this program. By providing a carefully designed curriculum of courses and instructional experiences, this program helps students develop the deep understandings and connections needed for being a highly effective mathematics teacher.

Graduates emerge equipped to provide mathematics instruction that is coherent, meaningful and challenging.

At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus
- **Additional Program Fee:** Yes
- **Second Language Requirement:** No
• **First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I  
• **Math Intensity:** Substantial  

**Required Courses (Major Map)**

[2021 - 2022 Major Map](#)  
[Major Map (Archives)](#)

**Admission Requirements**

**General University Admission Requirements:**
All students are required to meet general university admission requirements.

[Freshman](#) | [Transfer](#) | [International](#) | [Readmission](#)

**Change of Major Requirements**

A current ASU student has no additional requirements for changing majors.

Students should refer to [https://changemajor.apps.asu.edu](https://changemajor.apps.asu.edu) for information about how to change a major to this program.

**Transfer Options**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use [MyPath2ASU™](#) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: [https://admission.asu.edu/transfer/pathway-programs](https://admission.asu.edu/transfer/pathway-programs).

**Global Opportunities**

**Global Experience**

Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can enhance their mathematics degree with a study abroad program, in which they can boost their communication skills and gain firsthand experience in a wide range of cultures and communities. [https://goglobal.asu.edu](https://goglobal.asu.edu)
Career Opportunities

The secondary education concentration provides its graduates the flexibility to apply their knowledge in a variety of ways. It combines the options of a bachelor's degree in mathematics and a bachelor's degree in education with choices ranging from teaching high school mathematics to jobs in diverse fields, such as:

- business
- finance
- industry
- technology

Graduates can also choose to pursue graduate studies in mathematics or mathematics education.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

<table>
<thead>
<tr>
<th>Career</th>
<th>*Growth</th>
<th>*Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Professor</td>
<td>4.8%</td>
<td>$65,440</td>
</tr>
<tr>
<td>Health Sciences Manager</td>
<td>4.8%</td>
<td>$137,940</td>
</tr>
<tr>
<td>High School Teacher</td>
<td>3.8%</td>
<td>$62,870</td>
</tr>
<tr>
<td>Mathematician</td>
<td>3.0%</td>
<td>$110,860</td>
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<tr>
<td>Mathematics Professor</td>
<td>1.3%</td>
<td>$73,650</td>
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<tr>
<td>Middle School Teacher</td>
<td>3.6%</td>
<td>$60,810</td>
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<tr>
<td>Statistician</td>
<td>34.6%</td>
<td>$92,270</td>
</tr>
</tbody>
</table>

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

☀ Bright Outlook  🌿 Green Occupation

Contact Information

Schedule an advisor appointment
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