Mathematics, BA

Do you have a passion for both math and language? The BA in math includes a foreign language, making it a great option if you are interested in travel and a global career. This degree prepares you for industries as diverse as finance, medical science, education, law and technology.

Program Description

Math is the science of problem-solving. Students in the BA degree program in mathematics apply the critical thinking and problem-solving skills they learn to many endeavors, because math is a crucial component in engineering, life sciences, business, economics and social sciences.

In the bachelor's degree program in mathematics, students acquire a strong general mathematics background, but retain the flexibility to pursue other areas of interest through a minor or even a second major. Combining a second area of study such as life science, physics, computer science or business creates a powerful combination for future career goals.

At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus
- **Additional Program Fee:** Yes
- **Second Language Requirement:** Yes
- **First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I
- **Math Intensity:** Substantial

Required Courses (Major Map)

2020 - 2021 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://changingmajors.asu.edu/request 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 the Transfer Map search 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.

Global Opportunities

Global Experience

With over 250 programs in more than 65 countries (ranging from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st-century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://mystudyabroad.asu.edu/
Career Opportunities

The BA program in mathematics includes a foreign language requirement, making this an ideal option for students interested in careers in global business. It is also a top option for international students looking for a general math background. A Bachelor of Arts degree in mathematics can be the springboard for many different careers in fields such as:

- business management
- computer engineering
- financial analysis
- health care
- law
- teaching

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>Clinical Trial Manager</td>
<td>9.9%</td>
<td>$118,970</td>
</tr>
<tr>
<td>Financial Analyst</td>
<td>10.9%</td>
<td>$84,300</td>
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<tr>
<td>Financial Quantitative Analyst</td>
<td>9.6%</td>
<td>$69,520</td>
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<tr>
<td>High School Teacher</td>
<td>7.5%</td>
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<td>Investment Underwriter</td>
<td>9.6%</td>
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<tr>
<td>Mathematical Science Assistant</td>
<td>11.0%</td>
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<tr>
<td>Mathematician</td>
<td>29.7%</td>
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<td>Middle School Teacher</td>
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<td>Risk Manager</td>
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<td>Statistician</td>
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</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).

Contact Information