Biology, BA

ASLSCBA

This biology program provides insights into how life and physical sciences intersect in the real world. With a focus on interactive and interdisciplinary experiences, including opportunities to conduct hands-on research into cancer and Alzheimer's disease, among many others, this program prepares you to pursue advanced degrees or a career in a variety of scientific fields.

**Program Description**

The BA program in biology, with an emphasis in the natural sciences, examines the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility allows students to simultaneously study another subject outside their major. Students are encouraged to add a minor or concurrent degree in another subject area.

Students gain hands-on experience as they work both in small groups and one-on-one with individual faculty members. Students may participate in cutting-edge scientific research by assisting in faculty research laboratories or even publish in top journals and present their results at regional and national scientific meetings.

Graduates are prepared for entry-level jobs in research, with nonprofit, education and outreach organizations or for other roles in the life sciences. Graduates are also prepared for related graduate programs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program.

**At a Glance**

- **College/School:** New College of Interdisciplinary Arts and Sciences
- **Location:** West campus

[Page 1]
• **Additional Program Fee**: No  
• **Second Language Requirement**: No  
• **First Required Math Course**: MAT 170 - Precalculus  
• **Math Intensity**: Moderate

## Required Courses (Major Map)

2019 - 2020 Major Map  
Major Map (Archives)

## Accelerated Degrees

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA  
- Social Justice and Human Rights, MA  
- Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

## 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](https://changingmajors.asu.edu/request) for information about how to change a major to this program.

## Transfer Options
ASU is committed to helping you thrive by offering tools that allow you to personalize your 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. Learn more about these programs by visiting the Admissions site.

Global Opportunities

PLuS Alliance
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/

Global Degree

Career Opportunities

Students have a wide variety of options, including pursuing graduate studies or seeking careers in areas that include:

- environmental management and conservation
- health professions
- laboratory research
- primary and secondary school teaching
- science advisement to businesses and government
- science writing

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>Biological Scientist (General)</td>
<td>8.0%</td>
<td>$76,690</td>
</tr>
<tr>
<td>Climate Change Analyst 🌿תי</td>
<td>11.1%</td>
<td>$69,400</td>
</tr>
<tr>
<td>Geneticist</td>
<td>8.0%</td>
<td>$76,690</td>
</tr>
<tr>
<td>Health Sciences Manager 🌿תי</td>
<td>9.9%</td>
<td>$118,970</td>
</tr>
<tr>
<td>High School Teacher</td>
<td>7.5%</td>
<td>$59,170</td>
</tr>
<tr>
<td>Life Scientist</td>
<td>9.2%</td>
<td>$74,540</td>
</tr>
<tr>
<td>Medical Scientist 🎉</td>
<td>13.4%</td>
<td>$82,090</td>
</tr>
<tr>
<td>Microbiologist</td>
<td>8.2%</td>
<td>$69,960</td>
</tr>
<tr>
<td>Molecular Biologist</td>
<td>8.0%</td>
<td>$76,690</td>
</tr>
<tr>
<td>Zoologist</td>
<td>5.9%</td>
<td>$60,760</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**

School of Mathematical and Natural Sciences | FAB N100
MNSadvising@asu.edu | 602-543-3000