

# Biology, BA

ASLSCBA

Biology provides insights into how life and physical sciences intersect in the real world. In this program, you will have the opportunity to pursue hands-on interdisciplinary experiences, including conducting research on cancer and Alzheimer's disease. Gain a deeper understanding of the scientific study of life to enable you to thrive in any career path.

## 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 pioneering scientific research by assisting in faculty research laboratories and even publish in top journals and present their results at regional and national scientific meetings.

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

## At a glance

- **College/School:** [New College of Interdisciplinary Arts and Sciences](#)
- **Location:** [West Valley](#) **WUE**
- **Second language requirement:** No

- **First required math course:** MAT 170 - Precalculus
- **Math intensity:** Moderate 

## Required courses (Major Map)

[2024 - 2025 Major Map](#)

[Major Map \(Archives\)](#)

## Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

## Accelerated program options

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 plus master's degree** with:

[Biological Data Science, MS](#)

[Communication Studies, MA](#)

[Social Data Science, MA](#)

[Social Justice and Human Rights, MA](#)

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and [how to apply](#).

## Admission requirements

**General university admission requirements:**

All students are required to meet general university admission requirements.

[First-year](#) | [Transfer](#) | [International](#) | [Readmission](#)

## Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

## Change of Major Requirements

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

Students should visit the [Change of Major form](#) 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 they help students save time and money in their college journey.

## Global opportunities

### Global experience

In a competitive field, distinct experiences and community engagement help students stand out. With opportunities to intern, research and learn internationally, study abroad provides cultural immersion that can challenge students and enable them to improve their language skills.

With more than 300 options available, [Global Education programs](#) allow students to tailor their educational experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

## Career opportunities

Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations and for other roles in the life sciences.

Graduates 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

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

Career	*Growth	*Median salary
<u><b>Biological Scientist (General)</b></u>	3.9%	\$87,300
<u><b>Climate Change Analyst</b></u> ☀	6.1%	\$76,480
<u><b>Geneticist</b></u>	3.9%	\$87,300
<u><b>Health Sciences Manager</b></u> ☀	4.8%	\$144,440
<u><b>High School Teacher</b></u>	1.0%	\$62,360
<u><b>Life Scientist</b></u> ☀	5.2%	\$83,930
<u><b>Medical Scientist</b></u> ☀	9.8%	\$99,930
<u><b>Microbiologist</b></u> ☀	5.2%	\$81,990
<u><b>Molecular Biologist</b></u>	3.9%	\$87,300
<u><b>Zoologist</b></u> ☀	5.7%	\$69,390

\* 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

## Contact information

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