

# Neuroscience, BS

LABMENBS

Discover how the brain and nervous system function to produce behavior, cognition and emotion. Work alongside award-winning faculty in labs at the leading edge of neuroscience research. Spanning four foundational areas of neuroscience, this program will guide you toward a career in health and research-related fields.

## Program description

Neuroscientists seek to understand how the brain and nervous system operate to control bodily function, behavior and our mental states. Students in this program receive comprehensive interdisciplinary training at the crossroads of biology, chemistry and psychology, along with specialized focus in key neuroscience domains:

- Behavioral neuroscience: How does the brain work to control behavior?
- Cellular and molecular neuroscience: How do the cells of the nervous system work?
- Cognitive neuroscience: How does brain activity underlie our thoughts and emotions?
- Systems neuroscience: How do the billions of neurons work together?

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit [The College's website](#) for more information and requirements.

## At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** No
- **First required math course:** MAT 251 - Calculus for Life Sciences  
or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

- **Math intensity:** Moderate 

## Required courses (Major Map)

[2024 - 2025 Major Map \(on-campus\)](#)

[2024 - 2025 Major Map \(online\)](#)

[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:

[Microbiology, MS](#)

[Molecular and Cellular Biology, MS](#)

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.

## Attend online

### ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may [view the program's ASU Online page](#) for program descriptions and to request more information.

### ASU Local

It is now possible to earn an ASU degree with [ASU Local](#), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

## 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

Students can gain valuable experience when studying abroad, experience that enhances their resumes. Students majoring concurrently in neuroscience are able to expand their communication and research skills and challenge themselves to adapt and persevere in a new and exciting culture.

With over [300 programs available](#) in a variety of cultures, study abroad allows students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends [specific study abroad programs](#) for students majoring in neuroscience.

## Career opportunities

The neuroscience degree equips students for diverse career trajectories in health and research, as well as a variety of STEM fields. Graduates are well prepared for professional opportunities in academic research, bioengineering, biotechnology, data science, law, medicine, medical research, psychology, pharmaceutical research and development, and physical and speech rehabilitation.

This program's rigorous curriculum imparts skills that are applicable across the health sciences, offering graduates the flexibility they need to help take their first steps toward their chosen profession. Furthermore, students gain the foundational knowledge necessary to excel in competitive graduate-level programs within biomedical fields such as medicine, nursing, clinical professions, technology and veterinary medicine.

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
<b><u>Biological Sciences Professor</u></b> ☀	8.6%	\$81,650
<b><u>Biological Technician</u></b> ☀	4.7%	\$49,650
<b><u>Biomedical Engineer</u></b> ☀	5.1%	\$99,550
<b><u>Clinical Trial Manager</u></b> ☀	4.8%	\$144,440
<b><u>Data Scientist</u></b> ☀	35.2%	\$103,500
<b><u>Health Sciences Manager</u></b> ☀	4.8%	\$144,440
<b><u>Medical Doctor (MD)</u></b>	2.5%	\$214,460
<b><u>Pharmacist</u></b>	2.6%	\$132,750
<b><u>Physical Rehabilitation Physician</u></b>	3.0%	\$223,410
<b><u>Speech Pathologist</u></b> ☀	19.3%	\$84,140

\* 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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