

# Biological Sciences, Minor

LABIOMIN

Are you captivated by the variety and wonder of life around us? Are you curious about how organisms grow, interact and affect each other? Dive in and build a strong foundation of knowledge, critical thinking skills and key lab techniques that will compliment your major area of study and help launch your career.

## Description

The minor program in biological sciences provides students with a flexible curriculum that can be tailored to their interests.

Students will explore the study of all living things and examine basic organization of life, how organisms evolve, the role of organisms in the natural environment, how hereditary information is transferred and the development of biotechnology.

## At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#) or [Online](#)

## Program requirements

[2024 - 2025 Minor Map](#)  
[Minor Map \(Archives\)](#)

The minor in biological sciences requires a minimum of 24 credit hours, of which at least 12 credit hours must be upper division. At least six of the upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences.

The remaining elective credit hours may be chosen from those courses in the life sciences that can be used toward the majors offered by the school. Three credits of undergraduate research or internship (BIO 390

OR BIO 484 or MBB 484 or MIC 484 OR BIO 495 or MBB 495 or MIC 495) may be allowed in the minor.

### **Core Minor Requirement (15-16 credits) -- 15 credit hours**

BIO 181: General Biology I (SCIT OR SQ) (4)

BIO 182: General Biology II (SCIT OR SG) (4)

BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins (4)

BIO 345: Evolution or MIC 206: Microbiology Laboratory (SCIT OR SG) AND MIC 220: Biology of Microorganisms (3-4)

### **Electives (8-9 credits) -- 9 credit hours**

BIO OR MBB OR MIC Upper Division Elective (8-9)

Students must complete 8-9 credit hours in electives selected from the BIO, MBB or MIC subject codes, all of which must be upper-division courses.

Lower-division biology courses, including but not limited to BIO 100, BIO 201, BIO 202 and MIC 205, may not be used in the biological sciences minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

## **Enrollment requirements**

**GPA Requirement:** None

**Incompatible Majors:** BS in biological sciences (all concentrations); BS in microbiology (all concentrations); BS in molecular biosciences and biotechnology; BS in medical studies; BS in neuroscience; BS in nutrition; BS in public health

**Other Enrollment Requirements:** None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

## **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.

## Career opportunities

A minor in biological sciences allows students to develop additional competencies that complement the knowledge and skills they acquire in their majors. Students will be prepared with critical thinking and valuable problem-solving skills, as well as an introduction to the processes of research and scientific discovery as they pursue a variety of careers, such as biologists, biological technicians, medical and clinical laboratory technologists, zoologists, geneticists and educators.

## Contact information

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