Biological Sciences, Minor

LABIOMIN

Are you fascinated by the living world? A minor in biological science can open up the secrets of that world in ways that satisfy your desire to know more while complementing your major in surprising ways.

Description

Biological science encompasses the study of all living things and includes the study of basic organization and function, how organisms evolve, their roles in the natural environment, how hereditary information is transferred and the development of biotechnology.

The biological sciences minor is a program designed to provide students with a flexible curriculum that can be tailored to their interests.

At a Glance

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

Program Requirements

[Minor Map (Archives)](#)
[2021 - 2022 Minor Map](#)

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 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 (SQ)** (4)
- **BIO 182: General Biology II (SG)** (4)
- **BIO 340: General Genetics** or **MBB 347: Molecular Genetics: From Genes to Proteins** (4)
- **BIO 345: Evolution** or **MIC 206: Microbiology Laboratory (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 will complete 8-9 credit hours in electives selected from the BIO, MBB or MIC prefixes, 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.

Depending on a student’s undergraduate program of study, 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). This minor is not available to students majoring in the life sciences.

**Other Enrollment Requirements:** None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. 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 the minor. Students should contact their academic advisor for more information.

**Attend Online**

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here.
Career Opportunities

A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide.

A minor in biological sciences can help students as they pursue careers as biologists, biological technicians, medical and clinical laboratory technologists, zoologists, geneticists, educators and more.

Contact Information

School of Life Sciences | LSA 189
sols.advising@asu.edu | 480-727-6277