

2022 - 2023 Minor Map

Biological Sciences

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

Program Requirements

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 \(SQ\)](#) (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.

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