Applied Biological Sciences, Minor

TSABSMIN

Enjoy hands-on science in this minor based at the ASU Polytechnic campus, a living laboratory for applied biology. This program is a great complement to many majors, especially if you're pursuing pre-med, pre-dental, pre-vet or other professional programs related to health.

Description

The applied biological sciences minor is a rigorous and practical program that can help students understand the interrelationships between evolution, natural history and the conservation of plants and animals. Consistent with a polytechnic vision, this minor involves extensive student interaction with faculty through experience-based learning activities, including:

- faculty-guided research and service-learning projects
- field trips
- internships
- laboratories

Mastery of fundamental biological principles is emphasized through quality learning in the classroom and hands-on activities in laboratories and in outdoor settings that include the Sonoran Desert, surrounding ecosystems and the landscape of the greater Phoenix area.

At a Glance

- College/School: [College of Integrative Sciences and Arts](#)
- Location: [Polytechnic campus](#)

Program Requirements
The applied biological sciences minor consists of 23 credit hours. Students must complete 15 credit hours in courses offered by the College of Integrative Sciences and Arts.

**Required Courses -- 8 credit hours**

- **BIO 181: General Biology I (SQ)** (4)
- **BIO 182: General Biology II (SG)** (4)

**Electives -- 15 credit hours**

- **ABS Elective** (6)
- **ABS Upper Division Elective** (9)

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:** 2.00

**Incompatible Majors:** All applied biological sciences, biological sciences or biology majors at ASU

**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.

**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 applied biological sciences can help students as they pursue graduate study in professional programs like medicine, health or veterinary studies.