Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), **BS**

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description**

The applied ecology and preveterinary medicine concentration in the BS program in applied biological sciences is designed for students who want a strong scientific foundation in animal biology and health.

It is especially appropriate for students who plan to enter graduate or professional programs in veterinary medicine, animal health, wildlife biology and ecology or who plan to start careers related to wildlife biology, ecology, restoration and rangeland management.

Public and private career options are diverse and include small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, animal biology, habitat research and secondary education.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the [WUE program](#).

**At a Glance**

- **College/School:** College of Integrative Sciences and Arts
- **Location:** Polytechnic

[Click for more information and eligibility requirements of the WUE program.](#)
• Additional Program Fee: Yes
• Second Language Requirement: No
• **First Required Math Course**: MAT 210 - Brief Calculus
• **Math Intensity**: Moderate

**Required Courses (Major Map)**

2016 - 2017 Major Map (On-campus)
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:

Applied Biological Sciences, 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 college, 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**

Students should visit the [Change of Major form](#) for information about how to change a major to this program.
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

With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participating in a Global Education program is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career Opportunities

Graduates can pursue numerous entry-level careers in animal health and nutrition. The program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- veterinary medicine

Contact Information

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