

Applied Biological Sciences (Pre-Dental), B

LSABSPDBS

Start your journey toward a career in dental medicine by establishing a strong scientific foundation here.

Program description


The purpose of the concentration in pre-dental medicine in the BS program in applied biological sciences is to prepare undergraduate students to successfully complete the admission requirements for the pursuit of an advanced degree in dental medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics and mathematics while offering specialized courses related to dental medicine as well as opportunities for placement in internships in the field.

Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- laboratory activities

At a glance

- **College/School:** [College of Integrative Sciences and Arts](#)
- **Location:** [Polytechnic](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** No
- **First required math course:** MAT 251 - Calculus for Life Sciences
- **Math intensity:** Moderate 

Required courses (Major Map)

[2024 - 2025 Major Map \(on-campus\)](#)

[2024 - 2025 Major Map \(online\)](#)

[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.

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 higher education, 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

A current ASU student has no additional requirements for changing majors.

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

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.

ASU Local

It is now possible to earn an ASU degree with [ASU Local](#), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

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 more than 300 [Global Education program opportunities](#) available, pre-dental students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S., or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Career opportunities for graduates of this program may include entry into professional programs in dental medicine. In addition, this program can lead to dental-focused careers outside of dental medicine.

The pre-dental program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dental school
- environmental biotechnology
- human health
- medicine
- physical therapy
- secondary education

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

Career	*Growth	*Median salary
Biologist	3.9%	\$87,300

<u>Dental Assistant</u> ☀	6.9%	\$44,820
<u>Dentist</u>	4.4%	\$155,040
<u>Doctor of Dental Surgery (DDS)</u>	5.7%	\$159,530
<u>Health Technician (General)</u> ☀	6.6%	\$44,990
<u>Medical Doctor (MD)</u>	2.5%	\$214,460
<u>Medical and Health Services Manager</u> ☀	28.4%	\$104,830
<u>Oral and Maxillofacial Surgeon (OMS)</u> ☀	5.0%	\$0
<u>Orthodontist</u> ☀	4.5%	\$174,360

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

☀ Bright Outlook

Contact information

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