

Physics, BA

LAPHYBA

Learn nature's most fundamental laws to understand the world around us. Through rigorous foundational coursework, you'll learn to analyze complex problems and gain valuable quantitative reasoning skills that can be applied to any technical field.


Program description

Physics is concerned with the nature, structure and interactions of matter and radiation. The BA program in physics provides a flexible and efficient option for students who are interested in a liberal arts degree that provides them a broad knowledge of physics. This degree program also is ideal for students seeking to complete two degrees, with physics as the second degree.

The program combines innovative learning methods with time-tested classroom and laboratory experiences for an education that is thorough in physics training and flexible enough to encourage interdisciplinary opportunities in areas such as chemistry, biology and materials science.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit [The College's website](#) for more information and requirements.

At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** Yes
- **First required math course:** MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
- **Math intensity:** Substantial 

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

Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.00 for all critical classes they have completed.

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

Students majoring in physics can [study abroad](#) in one of over 300 available programs. A study abroad experience offers a way to supplement the ASU experience as well as the chance to build helpful, resume-boosting skills that employers seek. Students who study abroad improve their communication skills, can learn to adapt to unforeseen challenges and expand their worldview through international experiences that open them to different points of view.

Career opportunities

Graduates with a Bachelor of Arts degree in physics may pursue such careers as:

- data analyst
- K-12 STEM teacher
- lab assistant
- patent scientist
- science writer
- technology support analyst

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.

<u>Elementary Teacher</u>	0.7%	\$61,690
<u>Health Sciences Manager</u> 	4.8%	\$144,440
<u>Middle School Teacher</u>	0.8%	\$61,810
<u>Technical Writer</u> 	6.9%	\$79,960

* 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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