



Arizona State University (Tempe campus)

Physics, BS

Study details

Course type: Bachelor's degree

Degree: Physics, BS LAPHYBS

Study mode: Full time

Duration: 48 Month

Cost of study

Cost : 35 430 USD

Reg. fee : 85 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Jan/May/Aug

Requirements

Academic requirements

First-year students must:

- Have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school. Some ASU programs may have higher admission or English proficiency requirements and may consider a minimum ACT or SAT score.
- Must have three years of high school coursework. (If you are currently in high school, ASU needs to see 9–11 grade coursework. If you have completed high school, ASU needs to see 10–12 grade coursework.)
- Must have and present a completed high school diploma or certificate.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants to an on-campus program who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must meet one of these requirements to begin your ASU experience.

Competency requirements

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).

- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Provide evidence of English language proficiency (TOEFL 61)

Accommodation

Provided by partner agencies

Speciality

STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Also available online

Additional information

Program description

Physics is concerned with the nature, structure and interactions of matter and radiation. In the BS program in physics, students develop general problem-solving skills that enable them to interpret and solve new problems covering virtually any phenomenon in the physical universe, including classical or quantum systems, electric or magnetic behavior, and thermal or statistical physics.

The BS program in physics provides a solid foundation in physical science and mathematics, and prepares students for further graduate study in physics, other sciences or engineering programs.

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:

- Materials Science and Engineering, 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.

Global opportunities

Global experience

Students gain valuable experience through study abroad, experience that enhances their resumes. With more than 300 programs available in a variety of countries around the world, study abroad allows students majoring in physics to tailor their experience to their unique interests and skill sets.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field.

Career opportunities

The wide variety in applicability of the principles of physics allows for great flexibility in a choice of career or further education.

Graduates with a Bachelor of Science in physics possess analytical and technical skills suitable for employment in areas such as data analytics, education, engineering, finance, information technology, materials science, science communication and more.

Graduates are also prepared for admission to graduate school or advanced study in astronomy, engineering, mathematics, medicine and physics.