Arizona State University (Polytechnic Campus)

Applied Mathematics, BS

Study details

Course type: Bachelor's degree
Degree: Applied Mathematics, BS LSMATBS
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 35 430 USD
Reg. fee : 85 USD
Scolarship :
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.

Additional information

Program description

The BS in applied mathematics offered by the College of Integrative Sciences and Arts is a transdisciplinary program focused on developing flexible problem-solvers who can apply mathematical techniques and skills to a wide range of problems in the sciences, such as biology, social sciences, chemistry, physics and engineering.

The coursework builds a foundation in mathematical modeling, data analysis and the interpretation of mathematical results in applicable settings. Students choose electives in the sciences, technology, engineering or other areas of interest to complement and provide context for their mathematical training.

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.

Global opportunities

Global experience

Students gain valuable experience when studying abroad, which will enhance their resumes. Students often cite participating in Global Education programs as the highlight of their academic career and a crucial moment in helping them gain a clearer view of the world, its peoples and the

complex challenges facing us all.

The Global Education Office offers a suite of faculty-directed global experience programs designed to connect students with modern issues that impact local communities yet transect borders. Through any of the more than 300 programs available, students can see the world as they never have before and come away with memories to last a lifetime. Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through studying abroad may stand out in a competitive field.

Career opportunities

Graduates are prepared to apply their analytical skills and technical knowledge to problems in a range of careers in industry, government, education or nonprofit organizations. They also pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as mathematical biology).