



## Arizona State University (Tempe campus)

### Mathematics, BS

#### Study details

**Course type:** Bachelor's degree

**Degree:** Mathematics, BS LAMATBS

**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.

### **Additional information**

#### **Program description**

The BS degree program in mathematics offers a deep grounding in both theoretical and applied mathematical concepts. Classes cover a broad spectrum of advanced mathematical topics, including differential equations, modeling, numerical analysis, number theory, cryptography and real analysis. This degree focuses on the highest levels of math offered in undergraduate courses and is recommended for those who are considering a graduate degree in mathematics.

This degree pairs well with several other areas of study in a variety of fields, including computer science, physics, astrophysics and engineering, as well as economics, business, music and art.

#### **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:

- Mathematics, MA

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

Each of the more than 300 Global Education program options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment.

Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, and exposed to differences across the world, and they increase their ability to work with diverse groups of people. Graduates who possess heightened cultural competency, and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market.

## **Career opportunities**

Mathematics is foundational for careers in many fields. Graduates with a bachelor's degree in mathematics go on to work in areas such as research, computer science, law, finance, biotechnology, engineering, health care and education.