



Arizona State University (Tempe campus)

Mathematics (Statistics), BS

Study details

Course type: Bachelor's degree

Degree: Mathematics (Statistics), BS LAMATTBS

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

Statistics involves identifying relevant details of data and how to best collect that data to make reliable conclusions. The BS program in mathematics with a concentration in statistics provides a strong math background with a focus on statistics. Flexibility is built into this program so that students have the freedom to explore other mathematical areas of interest.

Using statistical methods, students discover how to generate insights that inform fact-based decision-making and research through statistical inference and controlled experimentation. They use cutting-edge techniques to study and explore strategies for dealing with uncertainty.

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:

- Statistics, 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

Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

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 as well as personal enrichment. Graduates who possess the heightened cultural competency, and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field.

Career opportunities

Based on factors such as pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers, and statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

The U.S. Bureau of Labor Statistics projects 32% employment growth for statisticians by 2031. The role of statistical thinking is exploding in many important areas, such as biostatistics, business analytics and the social sciences. For students pursuing a bachelor's degree in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields including:

- biostatistics
- business
- economics
- engineering
- finance
- government
- marketing
- sports
- technology