Arizona State University (Polytechnic Campus)

Applied Quantitative Science, BS

Study details

Course type: Bachelor's degree
Degree: Applied Quantitative Science, BS LSAQSBS
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

Students in the BS program in applied quantitative science learn to integrate and apply STEM-supported skills that are increasingly in demand for future-focused careers. Students develop six habits of mind, which are mental practices that become more ingrained as they advance through the curriculum and continue into their professional careers.

Students learn to:

- apply and project quantitative reasoning to unfamiliar contexts
- communicate well within and without the expert domain
- critically and adaptably think about complex problems
- effectively search through and evaluate information
- experiment creatively and in an informed manner in search of new insights
- use sophisticated insight involving statistical inference and quantitative reasoning

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

With more than 300 programs available, Global Education programs allow students to tailor their experience to their unique interests and skill sets. Students in applied quantitative science are able to

gain hands-on experience in a variety of countries around the world. Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field.

Career opportunities

Employers are increasingly hiring people who know how to use quantitative information. Graduates of this degree program are equipped with the skills and knowledge sought by today's employers. People who work in any business or industry need to use quantitative skills to solve problems.