



Arizona State University (Polytechnic Campus)

Aeronautical Management Technology (Air Transportation Management), BS

Study details

Course type: Bachelor's degree

Degree: Aeronautical Management Technology (Air Transportation Management), BS TSAMTMBS

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 air transportation management concentration of the BS program in aeronautical management technology provides students with a strong foundation in aviation concepts, including airline administration, airport planning, aviation law and policy, and human factors, as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses on the business and management and operational aspects of aviation, such as airline administration and airport planning. All students finish the program by participating in an internship within industry and completing a capstone project.

This program prepares students for leadership positions within airlines, at airports, and in government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

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: Technology (Aviation Management and Human Factors), MSTech

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

The aviation industry is a global one, and understanding intercultural communication is vital to succeeding in it. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With over 300 Global Education program opportunities available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by valuable study abroad experiences will impress prospective employers and help the student stand out should they decide to pursue advanced study.

Career opportunities

Graduates with a degree in air transportation management are prepared for careers in:

- airline management
- airline operations management
- airport management
- aviation consulting
- fixed-base operations management
- general aviation operations management

Graduates are also prepared to enter into entrepreneurial ventures and for government positions with organizations such as the Federal Aviation Administration, the Department of Transportation and the National Transportation Safety Board.