Arizona State University (Tempe campus)

Technological Leadership, BS

Study details

Course type: Bachelor's degree
Degree: Technological Leadership, BS LATECLDRBS
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.

Also available online

Additional information

Program description

In the BS degree program in technological leadership, students learn complex problem-solving, technical design thinking and leadership skills. Coursework focuses on individual and team-based research, technology design, intensive internships and fundamental skills in writing, math and coding.

Offered by the Interplanetary Initiative, this major consists of an interdisciplinary blend of student-driven classroom learning and hands-on projects. In inquiry classes, students use an innovative inquiry cycle to explore big questions associated with human society and space exploration. Examples of these questions include, "What will the moon look like after human settlement?" and "How can we create and sustain a human biosystem in space?" In hands-on classes, students use technical design thinking processes with software and lab tools to create physical products, digital solutions, or service designs that address complex challenges in the world of science and technology.

In addition, immersive internships provide students with an opportunity to apply knowledge from academic courses in order to address research opportunities or practical challenges, and to gain valuable experience in the workplace before graduation.

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 choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also 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:

- Global Management, MGM
- Global Technology and Development, MS
- Human Systems Engineering (Intelligent Systems), MS
- Human Systems Engineering (User Experience Research), MS
- Human Systems Engineering, MS
- Organizational Leadership, MS
- Public Interest Technology, MS
- Technology (Management of Technology), 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

With more than 300 Global Education program opportunities available to them, technological leadership 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.

Career opportunities

Graduates with this degree are prepared for a wide variety of exciting career opportunities in diverse industries, such as software and technology, energy, aerospace, finance, law and education. They are prepared to succeed in many areas, such as:

- academic research
- business strategy
- data analytics
- engineering management
- entrepreneurship
- management consulting
- product management
- project management
- systems engineering
- technology transfer