



# Arizona State University (Polytechnic Campus)

## Human Systems Engineering, BS

### Study details

**Course type:** Bachelor's degree

**Degree:** Human Systems Engineering, BS ESHSEBS

**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.

Available online

### **Additional information**

#### **Program description**

The BS program in human systems engineering provides students with an understanding of the science of human performance. Students gain experience using methods and tools to apply this understanding to design and problem-solving in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

A large array of professions need experts in human factors to work on problems that involve an understanding of human performance; these areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The program is offered by the Ira A. Fulton Schools of Engineering.

#### **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:

- Human Systems Engineering, 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

With more than 300 Global Education program opportunities available, human systems engineering 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**

The human systems engineering program prepares students for industry and government careers. Graduates may work as a member of a design team for a product or system in a position such as:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer