



## Arizona State University (West Valley Campus)

### Engineering Science (Business), BS

#### Study details

**Course type:** Bachelor's degree

**Degree:** Engineering Science (Business), BS ESESCBUSBS

**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 BS program in engineering science with a concentration in business in the School of Integrated Engineering prepares students to solve the most demanding problems facing society. The program connects students with the core values of ASU through an innovation-focused interdisciplinary education inclusive of students with a wide range of prior science and math backgrounds.

Coursework emphasizes basic engineering and business principles including engineering design, science, mathematics, artificial intelligence, business intelligence, accounting, supply chain management and ground theory in hands-on, project-based courses taught in makerspaces. Electives provide students with the choice to customize their degrees toward their preferred career pathways. The faculty in the program bring rich interdisciplinary perspectives to courses that foster creativity, critical thinking, communication, context and community by having students solve practical problems in partnership with local industry.

#### **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 Global Education program opportunities available, engineering science 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 of a Bachelor of Science in engineering science are well-prepared for a diverse and rewarding career landscape in areas such as:

- academia and education
- data analysis and modeling
- energy and environmental engineering
- engineering consulting
- manufacturing and quality control
- product design and development
- project management
- research and development
- technical sales and marketing