



## Arizona State University (Polytechnic Campus)

### Engineering, MS

#### Study details

**Course type:** Master's degree

**Degree:** Engineering, MS TSEGRMS

**Study mode:** Full time

**Duration:** 24 Month

#### Cost of study

**Cost :** 29 880 USD

**Reg. fee :** 115 USD

**Scholarship :**

**Insurance :** 2 765 USD

#### Intake/s

Jan/Aug

#### Requirements

##### Admission requirements

- Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.
- Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. personal statement
4. professional resume
5. proof of English proficiency

#### Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency (*TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills)*) regardless of their current residency. Applicants should review the Graduate Admission Services website.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

## Accommodation

Provided by partner agencies;

On-campus housing and meals \$18,933

## 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

Degree awarded: MS Engineering

In the MS program in engineering, students develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control.

The student's expertise, developed through the core curriculum, is reinforced with the flexibility of focus area options that include alternative energy, mechanical engineering and electrical engineering.

The culminating experience options are also flexible, allowing students to tailor the program to support their specific career goals while also becoming problem-solvers who create and shape the future.

## 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:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Mechanical Engineering Systems), BSE

- Engineering (Robotics), BSE
- Manufacturing Engineering, BS

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.

## **Career opportunities**

Engineers collaborate on interdisciplinary teams to design, manufacture and deliver innovative technological products and services. Program graduates possess not only sophisticated engineering technical skills but also the important professional skills of communication, teamwork and collaboration, and the adaptability that many employers seek.

Graduates are prepared to work in large corporations, government agencies and small businesses, as well as to pursue a doctorate degree. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some graduates start companies of their own.