



## Arizona State University (Tempe campus)

### Civil, Environmental and Sustainable Engineering, MS

#### Study details

**Course type:** Master's degree

**Degree:** Civil, Environmental and Sustainable Engineering, MS ESCIVILMS

**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 this program if they have earned a bachelor's or master's degree with a major in engineering or a closely related field from a regionally accredited institution.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants with a lower GPA may be admitted provisionally at the discretion of the admission committee.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. three letters of recommendation
4. 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.

Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. A student whose undergraduate degree is not in civil engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree program are specified at the time of admission, and details can be obtained from the graduate studies section of the program's website.

Applicants are encouraged to submit a resume and personal statement.

## **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 Civil, Environmental and Sustainable Engineering

The faculty in civil, environmental and sustainable engineering offer a graduate program leading to an MS degree in civil, environmental and sustainable engineering. The program is designed to enhance the knowledge gained in the undergraduate program by requiring students to understand and practice fundamental concepts in engineering, mathematics and the basic sciences.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree, as authorized here and on the program's website.

Students are admitted to one of the following specialty areas in engineering:

- environmental
- geotechnical
- hydrosystems
- structural

- sustainable
- transportation

## 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:

- Civil Engineering, BSE
- Civil Engineering (Sustainable Engineering), BSE
- Construction Engineering, BSE
- Environmental Engineering, BSE

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

This program prepares graduates to be civil engineers who typically focus on large projects such as buildings, roads, bridges, subway systems, dams and water supply networks.