

Construction Engineering, MSE

ESCONEMSE

Program description

Degree awarded: MSE Construction Engineering

The MSE in construction engineering is a transdisciplinary degree program that encompasses the areas of geotechnical engineering, structural engineering, transportation engineering, construction engineering and management-related topics.

This focus on a combination of design and management prepares the student for a career at the interface of design and construction. Students who are interested in a career emphasizing construction of infrastructure find this program especially desirable.

At a glance

- College/School: [Ira A. Fulton Schools of Engineering](#)
- Location: [Tempe](#)

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](#)

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. Interested students can learn about eligibility requirements and [how to apply](#).

Degree requirements

30 credit hours and a written comprehensive exam

All candidates for the Master of Science in Engineering are required to complete approved graduate coursework.

Additional courses may be assigned by the graduate supervisory committee depending on the background of the candidate.

Details of the comprehensive written examinations for the different specialty areas can be obtained on the graduate studies section of the program's website.

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 bachelor's or master's degree in engineering or other 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 a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide [proof of English proficiency](#) regardless of their current residency.

A student whose undergraduate degree is not in civil or construction 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 programs are specified at the time of admission and details can be obtained on the graduate studies section of the program's website.

Applicants with an undergraduate GPA lower than 3.00 (scale is 4.00 = "A") may be provisionally admitted at the discretion of the admission committee.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Application deadlines

Fall

Spring [expand](#)

[expand](#)

Career opportunities

With a strong background in design and management, the construction engineering graduate is prepared to begin a career in the engineering and construction industry as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- materials suppliers
- specialty subcontractors

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the [ASU professional licensure](#) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact information

[Construction Engineering](#) | CAVC 437
sebe.advising@asu.edu | 480-965-0595