Arizona State University (Tempe campus)

Construction Management and Technology, MS

Study details

Course type: Master's degree
Degree: Construction Management and Technology, MS ESCONSTMS
Study mode: Full time
Duration: 24 Month

Cost of study

Cost : 29 880 USD
Reg. fee : 115 USD
Scolarship :
Insurance : 2 765 USD

Intake/s

Jan/May/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 bachelor's or master's degree 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. current resume
4. an evaluation of the student's academic and professional background
5. personal statement
6. 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))* by meeting the Graduate College English proficiency requirements regardless of their current residency.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English, and 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 is required.

Applicants are expected to be competent in basic construction topics.

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.

Also available online

Additional information

Program description

Degree awarded: MS Construction Management and Technology

The transdisciplinary MS program in construction management and technology allows students with a bachelor's degree in construction or a related field such as architecture, business or engineering to broaden and improve their professional capabilities in construction. This meets the growing need for professionals with advanced technical, management and applied research skills in the construction industry.

The program allows a candidate's plan of study to reflect individual interests and career goals. Courses are offered in several areas, allowing a student to tailor their degree to their interests:

- commercial and residential areas
- construction management --- project, program and company
- facilities management --- maintenance, operation, renovation or decommissioning of existing facilities
- heavy construction --- infrastructure development
- specialty construction

This program is facilitated by the faculty of the Del E. Webb School of Construction.

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:

- Construction Management and Technology, 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

Graduates of the construction management and technology program are well prepared for numerous types of careers, depending upon which subject area they focused their coursework:

- commercial and residential --- real estate developers, commercial construction managers, managers and supervisors of health care and special industrial building projects or home production systems, and managers or supervisors of sustainable or green construction
- construction management --- project managers, project engineers, estimators or schedulers who can eventually become principals of firms engaged in the construction of industrial, commercial or residential projects
- facilities management --- managers who supervise the maintenance, operation, renovation or decommissioning of existing facilities
- heavy construction --- supervisors of the construction and maintenance of public works such as highways, airports, bridges, utility systems and water or waste treatment facilities
- specialty construction --- organizers, leaders and managers of the building process at the subcontractor or contractor level working with mechanical and electrical systems, and in management at specialty contracting firms, such as those who do work in control systems, electrical distribution or HVAC systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities