

# Construction Management, PhD

ESCONPHD

## Program description

### **Degree awarded: PHD Construction Management**

The Del E. Webb School of Construction has one of the top construction management doctoral programs in the United States. It provides a rigorous education and teaching environment for students seeking an advanced degree.

The PhD program in construction management requires novel, independent research that broadly contributes to the construction management body of knowledge; transdisciplinary research is often required due to the nature of the topics studied. Students can focus their elective coursework in emphasis areas such as heavy construction, commercial and residential, and specialty construction.

## At a glance

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

## Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

The doctoral program in construction typically requires three to four years of full-time study and research beyond the master's degree. Generally, students are admitted into the doctoral program at or near the completion of their master's degree.

The program requires 84 credit hours post-bachelor's degree or 54 credit hours post-master's degree.

The program consists of:

1. core construction courses
2. elective courses
3. a qualifying examination
4. a written and oral comprehensive examination
5. admission to candidacy
6. successful defense of a dissertation prospectus and complete dissertation

## **Admission requirements**

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Students who hold a master's degree in a related field from a regionally accredited university or equivalent are eligible to apply for admission to the program. Only exceptional students are admitted without a master's degree. Related fields include construction, civil engineering, architecture and business. At the discretion of the admission committee, students from other disciplines may be eligible as well. In addition, applicants are expected to be competent in construction topics.

Applicants must have a minimum cumulative GPA of 3.20 (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. official GRE scores
4. a current resume
5. an evaluation of the student's academic and professional background
6. master's degree thesis abstract
7. personal statement
8. research interests
9. three letters of recommendation
10. 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.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English; 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 must take the GRE and have their official scores sent directly to Graduate Admission Services. ASU does not accept the GRE® General Test at home edition. More information regarding how to send official GRE scores can be found on the Graduate Admission Services website.

The personal statement should describe the applicant's career goals and research objectives.

## 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

Graduates of the Del E. Webb School of Construction's doctoral program have careers in architecture; engineering and construction industries; academia; and local, state and federal government. The program provides a foundation for those who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually become principals of firms engaged in the construction of industrial, commercial or residential projects.

The heavy construction emphasis area is preparation for careers related to public works such as highways, airports, bridges, utility systems, and water or waste treatment facilities.

The commercial and residential emphasis area is preparation for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects, and for entrance into the sustainable or green construction market.

The specialty construction emphasis is preparation for organization, leadership and management of the building process at the subcontractor level and for careers as contractors working with mechanical and electrical systems. It also is preparation for careers in management at specialty contracting firms, such as control systems, electrical distribution or heating, ventilation and air conditioning systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants, as well as commercial facilities.

## Contact information

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