

Online Master of Science in Construction Management

Program Highlights

30 credit hours

In-state tuition: \$782/credit hour*

Out-of-state tuition: \$782/credit hour*

** Tuition is based on 2021-2022 rates and is subject to change.**

- Provided in an easily accessible, 100% online format by UTEP's College of Engineering
- Designed for students with bachelor's degrees in engineering, architecture, business and more
- Developed to prepare students for career growth and professional certification
- Cost-effective online construction management degree
- Bilingual faculty with industry experience
- Provides preparation for certification through the American Institute of Constructors
- Has an internship requirement that can assist in gaining practical, hands-on experience at a UTEP-approved construction company or government agency



Become a Key Player in a Growing Industry

Jobs available to graduates include:

- BIM specialist
- Estimator
- Project engineer
- Project manager
- Quality control manager
- Safety manager
- Scheduler



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Online Master of Science in Construction Management

Admissions Requirements

To qualify for admission to the online Master of Science in Construction Management program, you must:

- Submit a completed graduate admission application
- Submit official transcripts in accordance with the requirements of the Graduate School
- Have a bachelor's or master's degree from an accredited college or university in civil engineering or another related discipline such as architecture, business or physical science*

**Candidates from other backgrounds will be considered if they have construction experience acceptable to the department*

Recommendations for admission are made on the basis of the following:

- GPA in upper-division or graduate work as appropriate
- Resumé or evidence of relevant personal or professional experience
- **International applicants must also submit:**
Official TOEFL (Test of English as a Foreign Language) score of at least 79 on the online version, or 550 on the paper-based version

Note: Admissions packages are evaluated utilizing all of the requirements listed above. There are no minimum scores required.

Curriculum

The online construction management degree prepares working professionals to achieve a greater level of understanding within an interactive and engaging learning environment. The open structure of the program allows students to begin classes at any time during the term, with no worries about course sequencing or prerequisites. Upon completion of the degree, students should be ready to sit for the professional certification exam administered by the American Institute of Constructors.

As of Spring 2021, students will also be able to choose a geotechnical construction track in addition to the degree's main areas. Students in this track will learn

- Basic earth construction techniques and methods
- Geotechnical construction risks – why problems and failures occur
- Specialized geotechnical construction methods used to solve specific weak soil foundation problems
- Forensic analysis of foundation failure

Core Coursework

CE 5324	Construction Management
CE 5354	Advanced Mechanical Electrical Construction
CE 5381	Sustainable Construction
CE 5382	Advanced Construction Cost Analysis and Bidding
CE 5385	Construction Internship
CE 5386	Construction Law and Ethics
CE 5387	Construction Scheduling
CE 5388	Advanced Construction Safety
CE 5389	Construction Methods
CE 5392	Earth Construction

Geotechnical Construction Electives

CE 5390	Special Topics: Geotechnical Construction Risk and Failure Analysis
CE 5390	Special Topics: Specialty Geotechnical Construction Solutions

Total Credits: 30

Note: Curriculum is subject to change.



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