



Construction Engineering and Management

Master of Science in Civil and Environmental Engineering

The Construction Engineering and Management master's program at the University of Wisconsin-Madison equips you with technical, managerial, and business knowledge so you can design, coordinate, and manage successful projects.

IS THIS PROGRAM RIGHT FOR YOU?

A Master of Science in Civil & Environmental Engineering, with a named option in Construction Engineering and Management (CEM) from UW-Madison builds on your civil engineering foundation in environmental engineering, transportation, structural analysis, fluid dynamics, and material science.

In just one year of face-to-face learning, you gain an enriched understanding of construction scheduling, cost estimating, construction law, business management, ethics, risk management, safety and quality management, project control, teamwork, leadership, written and oral communications, and continuous improvement.

Our Construction and Engineering Management graduates are among the top executive performers and leaders in the industry. Leading construction companies consider the UW-Madison Construction and Engineering Management program a top school and first choice for recruiting.

Earn your master's degree and elevate your career potential through a program created with professional values in mind. As a UW-Madison graduate, you will be empowered to provide outstanding service and expertise to the construction industry.

WHAT YOU LEARN

- Theoretical and practical methods of planning, design, and construction
- Construction project management and leadership skills
- Fundamentals, such as construction scheduling, cost estimating, construction law, business management, and written and oral communications
- Creative, independent problem-solving and decision-making skills
- Principles of ethical and professional conduct

TIME FRAME

1 year

MODE OF INSTRUCTION

Face-to-face on campus

REQUIREMENTS

Coursework only, no thesis. At least 30 credits required for Master of Science degree.

TUITION

Resident: \$6,090/semester
+ \$3,002 for 6 summer credits
Non-Resident: \$12,753/semester
+ \$6,334 for 6 summer credits

Tuition rates as of fall 2019. Additional fees may apply.

APPLICATION DEADLINE

December 15 for fall 2020 program

TYPICAL CURRICULUM

- Building Information Management
- Project Estimating and Scheduling
- Electrical Systems for Construction
- Mechanical Systems for Construction
- Project Management
- Construction Labor Productivity Management

LEARN MORE

go.wisc.edu/construction-engineering-management

QUESTIONS?

Contact cee.gradadmissions@enr.wisc.edu.