



# Structural Engineering

## Master of Science in Civil and Environmental Engineering

Analyze, design, and monitor the health of structural members and systems as a student of the Structural Engineering master's program at the University of Wisconsin-Madison.

### IS THIS PROGRAM RIGHT FOR YOU?

Build a thorough understanding of the basic principles of structural engineering and gain exposure to the latest techniques and trends in civil engineering and architecture in just one year through the Structural Engineering master's program at UW-Madison.

You have the flexibility to choose courses that focus on structural analysis and design, as well as on geotechnical engineering and construction engineering management. You may also add related coursework from other departments, such as Engineering Mechanics, to craft precisely the expertise you seek.

UW-Madison's unique combination of classroom understanding with real-world application allows you to fully master developments in the structural engineering industry and gain the practical knowledge needed to excel in your career.

### WHAT YOU LEARN

- How to apply state-of-the-art technologies, evaluate options, and recommend solutions to civil and structural challenges
- Creative, independent problem-solving and decision-making skills
- Best practices of safety, sustainability, environmental protection, 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

- Structural Analysis II
- Steel Structures II
- Concrete Structures II
- Construction Project Management
- Foundations
- Composite Materials
- Structural Dynamics and Earthquake Engineering

### LEARN MORE

[go.wisc.edu/structural-engineering](http://go.wisc.edu/structural-engineering)

### QUESTIONS?

Contact [cee.gradadmissions@engr.wisc.edu](mailto:cee.gradadmissions@engr.wisc.edu).