

Accelerate your future with a master's degree from UIC!

The Department of Civil and Materials Engineering (CME) at the University of Illinois Chicago offers three master of science programs designed to prepare you for careers in creating, managing, and improving the built world around us.

CIVIL ENGINEERING

Civil engineering encompasses structural engineering and mechanics, environmental engineering, geotechnical engineering, transportation engineering, and more. Our degree program helps to define your knowledge and skills in the area that is most relevant to you. In this program, you can either combine your coursework with a master's thesis research project or complete your entire MS degree through coursework.

MATERIALS ENGINEERING

Materials—including metals, intermetallics, polymers, ceramics, composites, and electronic materials—are critical to modern industrial society. Our MS program develops your expertise in the design, manufacture, and characterization of materials for specific applications. In this program, you can either combine your coursework with a master's thesis research project or complete your entire MS degree through coursework.

CONSTRUCTION ENGINEERING AND MANAGEMENT

To meet the growing demand in the field for highly skilled construction engineering managers, UIC launched this new master's degree program—the only one of its kind at a public university in the greater Chicago area. Students learn about a wide range of topics, including construction regulations, quality control, professional ethics, risk management, project planning, and environmental sustainability.

FALL 2020 COURSES

- Bridge Design I
- Structural Analysis II
- Finite Element Analysis I
- Structural Analysis and Design of Tall Buildings
- Structural Inspection using UAVs.
- Earthquake Engineering of Concrete Structures
- Elastic Stability
- Foundation Analysis and Design
- Advanced Foundation Design and Excavation Support Systems
- Environmental Geotechnology
- Wastewater Treatment Design
- Engineering Hydrology
- Pollution Prevention Engineering
- Construction Engineering and Management
- Construction Engineering Project Controls
- Construction Estimating and Scheduling
- Geometric Design of Highway Facilities
- Public Transportation
- Urban Travel Forecasting
- Transportation Systems Analysis
- Introduction To Data Science
- Computational Materials Science
- Ceramic Materials Engineering

REASONS TO ATTEND UIC

- Chicago's public research university
- Named one of the most diverse U.S. schools (U.S. News & World Report)
- CME jumped 8 points in recent ranking (U.S. News & World Report)
- Low state tuition
- Evening and online classes
- Experienced faculty
- State-of-the-art laboratories
- Cutting edge research
- Career placement
- Industry connections
- Walking distance to downtown
- Bike- and public transportation-friendly

Deadline is June 15! Apply NOW!
www.cme.uic.edu

