Civil Engineering (M.S. or M.Eng.)

Earn your graduate degree in civil engineering from a top ranked and affordable program.

The master’s in civil engineering includes three separate concentration tracks: soils structure engineering, water resources engineering, and environmental engineering. A general track is also available for those looking for a broader curriculum in graduate school.

Program Snapshot

Program type: Master's Degree
Format: On-campus or online
Est. time to complete: 1-2 years
Credit hours: M.S: 30 (thesis option) or 32 (non-thesis option) / M.Eng: 30 (Design Report Option)

Why Earn a Master's Degree in Civil Engineering at UND?

The University of North Dakota's civil engineering graduate program offers an advanced study in civil engineering. At UND, you will:

- Build on your knowledge to achieve a greater understanding of civil engineering and the design process.
- Practice civil engineering in a wide range of professional settings including consulting firms, government agencies and industries.
- Conduct research in your chosen area of interest. Many of our students specialize in soils-structure engineering, industrial and hazardous waste management, and hydrology.
- Get the advanced expertise and apply your knowledge for success in a wide range of opportunities at consulting firms, government agencies and industries.

M.S. vs. M.Eng. in Civil Engineering

UND offers two civil engineering masters degrees: Master of Science (M.S.) and Master of Engineering (M.Eng.). Please connect with the Department of Civil Engineering before making a final decision.

The M.S. program includes a thesis or research project/independent study, which prepares students for careers in research, practice and further studies toward a Ph.D.

The M.Eng. program is more course-based and includes writing a design project report. The program has a strong and directed emphasis toward the practice of engineering.

Top Online Civil Engineering Degree in the Nation

UND is recognized by U.S. News & World Report as a top online graduate engineering program. We consistently rank among the best for educational quality, affordability and career outcomes. UND's three specialized tracks make it a unique and flexible online graduate degree.

#14 - Top Online Master's in Civil Engineering

Application Deadlines
FALL: AUG 1
SPRING: DEC 1
SUMMER: MAY 1
Master's in Civil Engineering

- Specialize in a focused engineering area, such as environmental, structural, water resources or pavement materials.
- Work with a committed civil engineering faculty team to discover the area of most interest, and explore research and opportunities.
- Most students complete their degree in under two years of full-time study.
- Demonstrate practical skill that can be applied in the real world with a written design project requirement.

Civil Engineering Careers

83K
Median salary range for a civil engineer is over $83,000.*

8%
The civil engineering profession is expected to grow by 8 percent, double the growth of engineering jobs overall.*

*U.S. Bureau of Labor Statistics

Students gain a fuller understanding of engineering designed with the skills that many top companies in the public and private sector value in their search for advanced civil engineering talent. More advanced skills, like project management and engineering design, are in high demand.

UND civil engineering graduates can expect a range of job opportunities in many specialties such as:

- Structural engineering
- Project management
- Water resource engineering
- Environmental engineering
- Transportation engineering
- Geotechnical engineering
- Soil engineering
- Waste management

When You Earn a degree in Civil Engineering

A Civil Engineering degree gives you the strategic skills you need, including:

- AutoCAD
- Java (Programming Language)
- Project Planning
- Construction Management
- Project Management

UND Civil Engineering Alumni

Civil Engineering alumni have gone on to a variety of successful careers with:

- AE2S
- Kadmars, Lee & Jackson, Inc.
- WSB & Associates, Inc.
- Bolton & Menk, Inc.
- Burns & McDonnell, Inc.