Civil Engineering Ph.D.

Lead the way in ideating, designing and building tomorrow’s infrastructure, or educating future engineers.

Infrastructure has reached a tipping point where aging buildings, bridges, highways, waterways and other structures urgently need technical civil engineering expertise and new ideas to solve today’s challenges. A doctoral degree from UND offers the knowledge and skills you need to elevate your civil engineering skills and knowledge for greater opportunities in private and public sectors, or education.

**Program type:** Doctoral Degree  
**Format:** On Campus  
**Est. time to complete:** 4 - 5 years  
**Credit hours:** 90

### Why earn a doctorate in civil engineering?

**Application Deadlines**

- **Fall:** Aug. 1  
- **Spring:** Dec. 1  
- **Summer:** May 1

Civil engineers experience no shortage of exciting challenges, growth prospects and a wide range of fascinating specialties to choose from. For those pursuing academia, the opportunity to shape and mold future engineering minds will have an enormous impact on tomorrow’s infrastructure designs and structures.

This UND graduate program offers the highest advanced study in civil engineering with opportunities to either choose a career path aimed at a senior-level manager or research leader position, or as an educator in higher education. You'll gain the highest level of skills and expertise related to your chosen specialty or area. Most Civil Engineering Ph.D students are funded by GRA/GTA and provided with tuition waivers.

### Civil Engineering Doctoral Degree at UND

- Elevate your skills with specialized training customized to meet your interests and goals.  
- Gain a broad-based education with a curriculum that includes traditional study, multidisciplinary exposure and high-quality research.  
- Work with a committed faculty team to discover the area of most interest, and explore research and opportunities.

### Civil Engineering Careers

**107K** Median salary range for the top 25% of civil engineers.  
- U.S. Bureau of Labor Statistics  

**11%** Projected employment growth in this field, faster than average for all occupations.
Students gain the fullest understanding of engineering design with the advanced skills that many global companies in the public and private sector value in their search for top civil engineering talent. For those seeking a career in academia, a Ph.D. offers the ideal path to success.

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

- Structural
- Project Management
- Construction
- Environmental
- Transportation
- Geotechnical

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

Explore More Options

Check out the faculty you'll work with at UND or discover additional education opportunities.

- Department of Civil Engineering
- Explore Similar Majors

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UND.edu/programs