

CIVIL AND ENVIRONMENTAL ENGINEERING

The Department of Civil and Environmental Engineering is home to research and educational programs that help make our environment, society, and communities better places to live, work, and play – engineering for public good. We do this with a commitment to sustainability – meeting the societal, environmental, and financial needs of today without sacrificing the ability to meet these needs for future generations.

In all three of our undergraduate degree programs, you will find high-impact educational experiences that help you prepare for a career in engineering by:

- Using the tools and technology that engineers use every day;
- Building your professional network of engineers and mentors;
- Touring active job sites and facilities;
- Participating in activities led by student organizations, including design competitions like concrete canoe, steel bridge, and others;
- Gaining hands-on experience through an internship or co-op;
- Collaborating with faculty on innovative research;
- Expanding your horizons by studying abroad; and
- Helping local communities and clients with real-world projects through the NCEES award-winning senior capstone design class.

This mix of coursework, field experiences, and hands-on activity opens the path to professional engineering licensure and career opportunities that impact the world around us by:

- Ensuring the health, safety, and welfare of the public and the environment;
- Developing and maintaining our water, earth, and energy resources;
- Creating and operating smart cities and infrastructure systems using “big data;” and
- Working with next-generation materials and systems that reduce construction costs and have fewer impacts on society and the environment.

You can learn more about our community and programs by exploring the menu on the upper right corner of this page.