

# CIVIL ENGINEERING, B.S. (CAPITAL)

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**Begin Campus:** Any Penn State Campus

**End Campus:** Harrisburg

## Career Paths

Civil engineers are responsible for designing, building, and maintaining the critical systems that support society and protect the environment. Graduates of the civil engineering program are prepared to be innovative leaders in a diverse range of industries. Students are routinely recruited for positions in the public sector with government agencies or in the private sector at consulting firms or construction companies. Students may also choose to continue their formal education by pursuing advanced degrees, and many remain in academia upon graduation.

## Careers

Our graduates work in a variety of fields to develop solutions for challenges in design, construction, research, and education. Civil engineering graduates work in the public sector for government agencies or in the private sector at consulting or construction firms. Some civil engineers hold supervisory or administrative positions, while others pursue careers in design, construction, or education.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE CIVIL ENGINEERING PROGRAM (<https://www.asce.org/career-growth/>)

CAREER RESOURCES FOR CIVIL ENGINEERING STUDENTS (<https://www.cee.psu.edu/academics/resources/career-resources.aspx>)

## Opportunities for Graduate Studies

In our graduate programs, students learn in the classroom and the laboratory, finding a broad network of mentors and collaborators. After graduation, many career options await.

- The one-year Master of Engineering (M.Eng.) (<https://www.cee.psu.edu/academics/graduate/degrees-and-requirements.aspx#MEng>) program gives you a strong foundation and leads to advanced professional practice.
- The Master of Science (M.S.) (<https://www.cee.psu.edu/academics/graduate/degrees-and-requirements.aspx#MS>) program blends advanced coursework and research, producing highly sought-after graduates.
- The Doctor of Philosophy (Ph.D.) (<https://www.cee.psu.edu/academics/graduate/degrees-and-requirements.aspx#PhD>) program provides a comprehensive educational and research opportunity, challenging students to be leaders of their fields.

What could you achieve with an advanced degree from the Department of Civil and Environmental Engineering at Penn State?

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://www.cee.psu.edu/academics/graduate/>)

GRADUATE DEGREES AND REQUIREMENTS (<https://www.cee.psu.edu/academics/graduate/degrees-and-requirements.aspx>)

## Professional Resources

- American Concrete Institute (<https://www.concrete.org/>)
- American Society of Civil Engineers (<https://www.asce.org>)

- PSU Civil and Environmental Engineering Professional Organization Student Chapter List (<https://www.cee.psu.edu/academics/resources/student-organizations.aspx>)