

CIVIL AND ENVIRONMENTAL ENGINEERING

CREATING THE FUTURE THROUGH INNOVATION,
ANALYSIS, AND DESIGN

Building and Preserving Sustainable Cities
Protecting and Restoring the Natural Environment



Imagine a world where automobiles drive themselves, where waste is considered a resource, where clean water is available to everyone, where failures are detected before they happen. With your degree in civil engineering or environmental engineering, this future is possible.



ARCHITECTURE \ ENERGY \ POLICY \ SUSTAINABILITY \ HEALTH

Students who receive a BS in civil engineering or environmental engineering are prepared to work on 21st century challenges by:

- Redesigning urban infrastructure
- Deploying renewable energy systems
- Analyzing and solving natural hazard threats
- Promoting sustainable practices in energy, water, food, transportation, waste, and materials
- Planning walkable, bikeable, and sharing communities
- Developing resource recovery strategies
- Building longer, taller, and lighter structures with new materials and construction techniques
- Balancing mobility, accessibility, and logistics

Civil and environmental engineers *build, preserve, protect, and restore* to support human activities in cities and to minimize the human footprint on nature. They play an essential role in solving many of the most pressing problems facing human societies and work in almost every aspect of modern life, from health, shelter, food, and energy, to air, water, movement, commerce, and recreation.

Learn more: www.cee.northwestern.edu