Our programs have been designed with a set of electives that permit students to explore or acquire further depth in other fields of interest. Students can use these electives to earn a minor in environmental chemistry, architectural engineering, business, architectural history, music, computer science, or any number of other fields. In the civil engineering field, our programs encompass several disciplines, including transportation planning and engineering; structural engineering; geotechnical engineering; environmental, water resources, and coastal engineering; and construction management. In the environmental engineering field, our programs include developing sustainable resource engineering solutions to environmental health needs with an understanding of institutional and legal frameworks, all related to interconnected challenges in water, energy, air pollution, and waste management, to protect and provide a better quality of life to the human race. For a full list of the department’s academic program offerings, please refer to the programs tab.

Other Programmatic Features

By participating in our cooperative education program, our graduates will have an opportunity to explore what career objectives fit their own skills and interests. The goal of this component of our program is to offer students valuable professional experience and contacts that will help get them started in their professional career, as well as to develop career management skills. The co-op program parallels the academic program in level of responsibility and sophistication.

The department also offers significant research opportunities throughout all fields of civil and environmental engineering, including participating in research centers based in our department and college, as well as new interdisciplinary graduate and professional master’s programs.

Programs

Bachelor of Science in Civil Engineering (BSCE)

• Civil Engineering (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/civil-engineering-bsce/)
• Civil Engineering and Architectural Studies (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/civil-engineering-architectural-studies-bsce/)
• Civil Engineering and Computer Science (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/civil-engineering-computer-science-bsce/)

Bachelor of Science in Chemical Engineering (BSChE)

• Chemical Engineering and Environmental Engineering (http://catalog.northeastern.edu/undergraduate/engineering/chemical-engineering-environmental-engineering-bsche/)

Bachelor of Science in Environmental Engineering (BSEnvE)

• Environmental Engineering (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/environmental-engineering-bsenv/)  
• Environmental Engineering and Health Science (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/environmental-engineering-health-sciences-bsenv/)  
• Environmental Engineering and Landscape Architecture (http://catalog.northeastern.edu/undergraduate/engineering/civil-
Civil and Environmental Engineering

environmental/environmental-engineering-landscape-architecture-bsenve/

Minor

- Architectural Engineering (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/architectural-engineering-minor/)
- Civil Engineering (http://catalog.northeastern.edu/undergraduate/engineering/civil-environmental/civil-engineering-minor/)
- Environmental Chemistry (http://catalog.northeastern.edu/undergraduate/science/chemistry-chemical-biology/environmental-chemistry-minor/)

Accelerated Programs

See Accelerated Bachelor/Graduate Degree Programs (http://catalog.northeastern.edu/undergraduate/engineering/accelerated-bachelor-graduate-degree-programs/#programstext)