

CIVIL ENGINEERING, M.E.

All programs of study must be approved by the student's academic advisor and the Department of Civil and Environmental Engineering graduate director.

Learning Outcomes

1. Graduates will be able to demonstrate expertise in a core subject area of civil and environmental engineering. Core subject areas of study include Environmental Engineering, Geotechnical Engineering, Structural Engineering, Transportation Engineering, and Water Resources Engineering.
2. Graduates will demonstrate a working knowledge of various areas of civil and environmental engineering (including Environmental Engineering, Geotechnical Engineering, Structural Engineering, Transportation Engineering, and Water Resource Engineering) and related fields, including other engineering disciplines, the sciences, and mathematics.
3. Graduates will be able to describe and discuss advances of knowledge in civil and environmental engineering.
4. Graduates will demonstrate the basic skills (e.g., leadership, presentation, time managements, problem solving, study, and organizing) required for life-long learning and professional development.