Structural Engineering

Program Modality
Accelerated, on-campus

Program Duration
1 year

Degree Conferred
Master of Science in Civil & Environmental Engineering

Top Common Job Titles
- Structural Engineer
- Mechanical Engineer
- Structural Engineering Project Manager
- Structural Design Engineer
- Bridge Engineer

Top Common Industries
- Architectural, Engineering, and Related Services
- Aerospace Product and Parts Manufacturing
- Nonresidential Building Construction
- Scientific Research and Development Services
- Semiconductor and Other Electronic Component Manufacturing

What You Will Learn
- Design, construct, and maintain civil engineering infrastructures, such as buildings, bridges, highways, airports, power plants, dams, and underground structures using the latest building codes
- Apply advanced modeling techniques for the analysis of complex structural systems
- Understand the behavior of structural members and systems subjected to various loading scenarios, including large inelastic displacements induced by strong ground motions

Advertised Salary
Mean: $89K
Median: $90K

Projected National Growth
8.4%
From 2016 - 2026 for Civil Engineers