

BRIDGE ENGINEERING (GRADUATE CERTIFICATE)

The Civil and Environmental Engineering Department offers a 12-credit certificate program to train engineers on the design and construction of bridge structures. The certificate program builds competency in steel and prestressed concrete bridge design, accelerated bridge construction and design related to extreme events.

Required Courses

Course	Title	Credits
CE 5380	Bridge Structures	3
CE 5383	Design of Bridges for Extreme Events	3
CE 5384	Accelerated Bridge Construction	3
CE 5640	Prestressed Concrete Structures	3
Total Credits		12