

**University of Southern California**  
**VITERBI SCHOOL OF ENGINEERING**

Master of Science in Civil Engineering (Construction Engineering)  
Program Learning Objectives

Upon completion of the USC Viterbi School of Engineering Master of Science in Civil Engineering (Construction Engineering), students will demonstrate broad understanding of the technical and non-technical activities which cover the most current theories and professional practices.

Upon completion of the USC Viterbi School of Engineering Master of Science in Civil Engineering (Construction Engineering), students will be able to apply critical principles and practices pertinent to the Master of Science in Civil Engineering (Construction Engineering) in their employment practice.

Upon completion of the USC Viterbi School of Engineering Master of Science in Civil Engineering (Construction Engineering), students will be able to work in diverse global contexts and apply universally respectful and globally centric practice pertinent to the Master of Science in Civil Engineering (Construction Engineering).

USC Students enrolled in the USC Viterbi School of Engineering Master of Science in Civil Engineering (Construction Engineering) will demonstrate understanding of contemporary engineering design principles and associated innovative practices relevant to professional practices and theories relating to BIM, Sustainability, Scheduling, Estimating, Project Controls, etc., and be able to implement these practices under guidance of Civil and Environmental Engineering faculty members in preparation for employment in Architecture, Engineering and Construction industries.