

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

Master of Science in Computer Engineering  
Program Learning Objectives

The purpose of the USC Viterbi School of Engineering Master of Science in Computer Engineering program is to prepare students for high-level professional employment in any sector of the electrical engineering arena that incorporates analytical techniques; or, to pursue advanced graduate studies focusing on related problems in the field. Graduates might pursue computer-engineering-related employment or advanced graduate study relating to computer networks, computer systems, VLSI, or software engineering.

- Upon completion of the USC Master of Science in Computer Engineering program, students will be able to demonstrate broad understanding of computer engineering systems and software.
- Upon completion of the USC Master of Science in Computer Engineering program, students will be able to apply critical principles and skills pertinent to MSCENG duties in their employment and professional practice.
- Upon completion of the USC Master of Science in Computer Engineering program, students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to MSCENG duties in international and domestic contexts.
- USC students enrolled in the Master of Science in Computer Engineering program will demonstrate understanding of contemporary research questions, results, and areas of application relating to diverse aspects of computer engineering.