University of Southern California
VITERBI SCHOOL OF ENGINEERING

Bachelor of Science in Computer Engineering and Computer Science
Program Learning Objectives

The purpose of the USC Viterbi School of Engineering Bachelor of Science in Computer Engineering and Computer Science program is to prepare students for high level professional employment in any sector of computer engineering and computer science related to the design and analysis of hardware and software of computing systems; or to pursue graduate studies focusing on related problems in the field. Graduates might pursue computer science-related employment or graduate study in many diverse real-world domains related to computer hardware or software design.

- Upon completion of the USC Bachelor of Science in Computer Engineering and Computer Science (BSCECS), students will be able to demonstrate deep understanding of both fundamentals and important current issues in computer engineering and computer science.

- Upon completion of the USC Bachelor of Science in Computer Engineering and Computer Science, students will be able to apply critical principles and skills pertinent to BSCECS duties in their employment and professional practice.

- Upon completion of the USC Bachelor of Science in Computer Engineering and Computer Science, students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to BSCECS duties in international and domestic contexts.

- USC students enrolled in the USC Bachelor of Science in Computer Engineering and Computer Science will demonstrate understanding of contemporary research questions, results, and areas of application relating to the fundamentals of computer hardware and software.