

University of Southern California
VITERBI SCHOOL OF ENGINEERING

Master of Science in Electrical Engineering (Telecommunications)
Program Learning Objectives

The purpose of the USC Viterbi School of Engineering Master of Science in Electrical Engineering (Telecommunications) is to prepare students for high-level professional employment in any sector of the telecommunications arena that incorporates analytical techniques; or, to pursue advanced graduate studies focusing on related problems in the field. Graduates might pursue telecommunications-related employment or advanced graduate study relating to wireless systems or infrastructure development.

- Upon completion of the USC MSEE (Telecommunications) program, students will be able to demonstrate broad understanding of telecommunications systems, including wireless systems, computer networks, and the regulatory environment.
- Upon completion of the USC MSEE (Telecommunications) program, students will be able to apply critical principles and skills pertinent to MSEE (Telecommunications) duties in their employment and professional practice.
- Upon completion of the USC MSEE (Telecommunications) program, students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to MSEE (Telecommunications) duties in international and domestic contexts.
- USC students enrolled in the MSEE (Telecommunications) program will demonstrate understanding of contemporary research questions, results, and areas of application relating to telecommunications systems.