

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

Master of Science in Transportation Systems Management

*Program Learning Objectives*

The purpose of the Master of Science in Transportation Systems Management program is to prepare students from any sufficiently analytical undergraduate background for advanced positions in the private, public or non-profit sector as well as for advanced graduate study. The program provides students with a broad, interdisciplinary basis for understanding transportation systems and needs. A required specialization of the student's choosing provides depth in a focused aspect of transportation systems relating to a particular set of methods or problem domain.

- Upon completion of the USC Master of Science in Transportation Systems Management program, students will be able to characterize, analyze and address complex transportation problems at the system level by relying on both theory and applied analytical methods
- Upon completion of the USC Master of Science in Transportation Systems Management program, students will be able to learn how organizations can best adapt to changes affecting the transportation environment in which services are demanded and provided, including the relationships between transportation, technology, information services, and regulatory requirements.
- USC students enrolled in the USC Master of Science in Transportation Systems Management program will demonstrate the design, provision, operation, and effectiveness of transportation services in the larger context of economic and social systems.