

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

Master of Science in Computer Science (Artificial Intelligence)

*Program Learning Objectives*

The purpose of the USC Viterbi School of Engineering Master of Science in Computer Science (Artificial Intelligence) program is to prepare students for high level professional employment in any sector of computer science that incorporates artificial intelligence; or to pursue advanced graduate studies focusing on related problems in the field. Graduates might pursue computer science-related employment or advanced graduate study in diverse real-world domains including finance, biology, medicine, transportation, social media, etc.

- Upon completion of the USC Master of Science in Computer Science (Artificial Intelligence) program, students will demonstrate broad understanding of artificial intelligence, machine learning, natural language processing, and computer vision.
- Upon completion of the USC Master of Science in Computer Science (Artificial Intelligence) program, students will apply critical principles and skills pertinent to MSCS (Artificial Intelligence) duties in their employment and professional practice.
- Upon completion of the USC Master of Science in Computer Science (Artificial Intelligence) program, students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to MSCS (Artificial Intelligence) duties in international and domestic contexts.
- USC students enrolled in the MSCS (Artificial Intelligence) program will demonstrate understanding of contemporary research questions, results, and areas of application relating to artificial intelligence.