

University of Southern California
VITERBI SCHOOL OF ENGINEERING

Bachelor of Science in Astronautical Engineering
Program Learning Objectives

USC's Bachelor of Science in Astronautical Engineering prepares students for engineering careers in the space sector of the aerospace industry; for research and development in industry and government centers and laboratories; and for graduate study. Upon completion of the program,

- Students will demonstrate broad understanding of the science and technology of space missions, vehicles and subsystems and the space environment.
- Students will be able to apply critical principles and practices pertinent to the Astronautical Engineering field in their employment practice.
- Students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to Astronautical Engineering.
- Students will demonstrate understanding of contemporary engineering design principles and associated innovative practices relevant to spacecraft and space applications. Students will be able to implement these practices under guidance of Astronautical Engineering faculty members in preparation for employment in space and other industries.