

University of Southern California
VITERBI SCHOOL OF ENGINEERING

Engineer Degree in Astronautical Engineering
Program Learning Objectives

The purpose of the USC Viterbi School of Engineering Engineer Degree program in Astronautical Engineering is to prepare students for employment in the aerospace industry that requires comprehensive, advanced engineering training, but not necessarily the research orientation developed by a Ph.D. student. The Engineer Degree in Astronautical Engineering is a terminal degree. Students who complete the degree will not be considered for admission to a Ph.D. program.

- USC students enrolled in the Astronautical Engineering Engineer Degree program will demonstrate understanding of contemporary research in two areas of engineering and be able to implement innovative research practices addressing the interdisciplinary nature of complex problems under the guidance of their faculty advisor.

- USC students enrolled in the Astronautical Engineering Engineer Degree program will demonstrate understanding of applying contemporary research practices addressing the interdisciplinary nature of complex problems in engineering practice, especially those requiring comprehensive advanced engineering training, and be able to engage in innovative practices informed by such research pertinent to Astronautical Engineering in diverse contexts.

- USC students enrolled in the Astronautical Engineering Engineer Degree program will demonstrate understanding of leading research teams by mentoring undergraduate and master's students.