

M.S. in Aviation Safety

Safety is at the very heart of all we do in aviation. Our industry has an enviable safety record, but we can never take that for granted. It takes knowledge, experience, and hard work to keep the public's trust. The Master of Science in Aviation Safety (MSAVS) will give you the skills and abilities you need to advance the safety and efficiency of our aviation system today, while meeting the challenges of tomorrow.

As a student in the Master of Science in Aviation Safety program, you will learn the theory and application of system safety and human performance, as well as the practical management of safety programs, safety data analysis, and accident investigation. You will hone your critical thinking, teamwork, and communication skills while learning from experts in the field and collaborating with students from around the world. Subject areas include industrial and ground safety and emergency management as well as flight operations safety. This program will prepare you for a career in operations or safety with traditional employers such as major airlines, or with new entrants in uncrewed systems or commercial space.

Students interested in pursuing careers in research or academia have the option to complete a thesis.

View information for BS in Aviation Safety (BSAS) students who wish to continue on to the M.S. in Aviation Safety (MSAVS) degree by enrolling in the BSAS-MSAVS 4+1 program.

Estimated Cost of Attendance