

B.S. in Aviation Safety

The future of the aviation industry depends upon maintaining the trust of the traveling public in a rapidly changing environment. Recognizing the importance of managing risk in this dynamic ecosystem, Embry-Riddle continues to invest in aviation safety establishing the Boeing Center for Aviation and Aerospace Safety as well as providing students will educational opportunities and the undergraduate and master's degree levels. ERAU is the world-renowned leader in aviation and aerospace education, has deep connections with the defense and aerospace industries and is well-positioned to lead the way for our students in these industries and across private and public aviation and transportation safety sectors.

The BSAVS curriculum consists of 40 courses (120 credit hours) including general education, core classes, and program support. The curriculum introduces domains integral to aviation operations, including maintenance, air traffic control, airport operations, and flight operations. Next it addresses critical categories specifically related to safety, including weather, accident investigation, human factors and safety management systems. Finally, it introduces new areas of emphasis that are increasingly important in aviation safety, including uncrewed and autonomous systems, data science and crisis communications. Most importantly, all this material is constructed within and upon the student developing an essential understanding of safety leadership and ethics. The curriculum distinguishes ERAU from its competitors and provides students with the skills and abilities industry regards most highly.

BSAVS students who wish to continue their education to a master's degree and fulfill requirements may enroll in the BSAVS to MSAVS 4+1 program as outlined in this program.

Estimated Cost of Attendance