

B.S. in Aviation Psychology

Embry-Riddle's B.S. in Aviation Psychology at the Prescott Campus prepares students to understand and improve how people think, decide, communicate, and perform in aviation and other high-stakes environments. The program blends psychology, human factors, organizational behavior, and aviation-focused coursework to examine topics such as attention, perception, stress, fatigue, teamwork, training, automation, decision-making, safety, and human performance. Students graduate with a strong foundation in psychological science and applied research, along with transferable skills in analysis, communication, leadership, assessment, and systems thinking.

Aviation Psychology students benefit from Embry-Riddle Prescott's distinctive aviation environment, including access to a major flight line, advanced flight simulators, air traffic control training facilities, and a campus community centered on aviation operations, safety, and performance. Faculty work closely with students on research connected to aviation and industry, including pilot performance, crew coordination, cockpit technology, stress, airline quality, safety, training, and organizational effectiveness. This hands-on, research-driven approach prepares students to contribute to aviation, aerospace, safety, human factors, training, operations, and other industries where human performance matters.

Throughout their studies, students can pursue undergraduate research, internships, consulting and applied projects, professional conferences, and senior capstone experiences that connect classroom learning to real-world challenges. Students may also build community and professional networks through organizations such as Psychology Club, Psi Chi, Women in Aviation, the Human Factors and Ergonomics Society, the Prescott Air Traffic Control Club, and other aviation-focused student groups. Qualified students may also pursue accelerated graduate pathways in areas such as Human Factors and Occupational Safety Management, creating a strong foundation for both immediate career opportunities and advanced study.