Human error contributes to approximately 70% of aviation accidents and there is a cost of over $1 billion to U.S. residents as a result of airplane accidents. The U.S. Department of Labor estimates employers pay $1 billion per week in workers’ compensation due to workplace hazards. These staggering numbers motivate employers to hire valuable, experienced safety professionals to cultivate new and effective safety models for their businesses. At Embry-Riddle, safety is no accident. We guide you to become an industry safety specialist, utilizing practical training, research, evidence, and analysis to create efficient safety systems for your future career.

Why Study Safety at Embry-Riddle Prescott?

- Get the most return on your investment! ERAU Prescott MSSS graduates have a 95% rate of finding jobs in their field within one year of graduating. Employers include Amazon, Boeing, Delta Airlines, Honeywell, Intel, and many more!
- The Master of Science in Safety Science curriculum is approved by the Board of Certified Safety Professionals (BCSP). Graduates receive Graduate Safety Practitioner (GSP) designation which includes a waiver of the Associate Safety Professional (ASP) examination requirement on the way to becoming a Certified Safety Professional (CSP). These credentials allow our graduates to command higher salaries.
- Our curriculum meets the standards of the Aviation Accreditation Board International (AABI), ensuring that students will achieve and maintain a level of performance, integrity, and quality consistent with professional safety principles.
- ERAU has the largest university-owned aircraft accident investigation lab in the entire United States, and has been a major destination for students traveling to the United States to study safety science from abroad.
- The Aviation Safety and Security Archives present students with the opportunity to get their hands on rare historic original aircraft accident investigation documents.

Olalekan “Lekan” Aponmade,
M.S. in Safety Science ’18
Recipient of the ICA/ADOSH Chairman’s Special Recognition Award for Best Up and Coming Safety Professional 2018

We Pay for Your Travel to Present at Professional Meetings

We support graduate students in all endeavors of their professional development. Students receive financial assistance when they present their research projects at professional meetings. Here is a selection of events that students and/or faculty attend on a regular basis:

- Conference & Expo
- Safety (American Society of Safety Professionals ASSP)
- AIHce (American Industrial Hygiene Association Conference & Expo)
- ISASI (International Society of Air Safety Investigators annual meeting)
- SIOP (Society for Industrial & Organizational Psychology annual conference)
- Arizona Health & Safety Summit (ASSP Arizona Chapter)
- Work Stress and Health (American Psychological Association)
- Business Aviation Safety Summit (Flight Safety Foundation)
- International Symposium on Aviation Psychology
- Transportation Research Board Annual Meeting
- ADOSH Safety Summits

Peiwen Chen
M.S. in Safety Science ’18,
discusses the “Effect of Language on Flight Performance” in a poster presentation at AZASSE 2017.
Safety and accident prevention is not to be taken for granted. It requires professionals trained in recognition, evaluation, and control of multi-layered safety hazards. Our Safety Science graduate students obtain the technical and managerial knowledge and skills necessary to practice occupational health and safety in a variety of industries: manufacturing, mining, construction, energy, oil and gas, insurance, consulting, and health care. In addition, our expertise in aviation safety is internationally recognized, and our faculty are frequently consulted by national media.
ERAU's Safety Science graduate program is unlike any other.

- Embry-Riddle puts you in position to find success after graduation. Our faculty and alumni networks help connect you to high-impact internships, valuable consulting opportunities, and lucrative careers. Safety Science graduates have been employed by companies such as Boeing, Delta Airlines, Amazon, Honeywell, Freeport-McMoRan, Discount Tire, John Deere, Granite Construction, and many more.

- Our professional and experienced faculty brings the academic principles of safety to life with inspired workshops and one-on-one guidance. Explore every facet of safety, from concept to implementation, in preparation for your future in safety science.

- Embry-Riddle delivers to its students a hands-on, practitioner oriented program that provides you with practical experience within relevant industry environments upon graduating.

- Students become versed in data analysis to ensure they are equipped with the tools necessary to recognize and resolve potential safety hazards before they occur.

- We have specifically tailored our limited-residency graduate program to fit your schedule, allowing you to earn your advanced degree without putting your life, career, or responsibilities on hold.

- Our students are active participants in chapters of the American Society of Safety Professionals (ASSP), and the International Society of Air Safety Investigators (ISASI), which affords them access to professional conferences and networking opportunities.

- Safety Science graduate students enjoy the on-campus Robertson Aircraft Accident Investigation Laboratory, the only scenario-based accident investigation facility in the nation, allowing for unique field-analysis that puts safety investigation in your hands.

- Prescott is ideally located near major industry partners, including Freeport-McMoRan copper mines, Prescott Municipal Airport, Drake Cement Plant, Ruger Firearms Manufacturer, and many others. Curriculum is taken out of the classroom and into the workplace as students are given insight into the real-world conditions of these facilities.

- 325 days of beautiful sunshine maximizes opportunities to conduct frequent outdoor accident investigation training, in addition to industrial hygiene exercises.

- Here at Embry-Riddle, innovation is the expectation. Safety Science students will have the opportunity to cultivate their own comprehensive capstone project, allowing the student to make groundbreaking advances in safety science within their own unique area of expertise. Capstone projects can be performed in partnership with your employer and help to revolutionize the industry approach to real-world problems.

SAFETY AND SECURITY ARCHIVES
Sharing Knowledge and the History of Aviation Safety

For anyone interested in the history of aviation safety, the Archives is a repository for unique or rare, primary materials relating to aviation safety and security. These collections are available to university users and outside researchers.

In addition to being available on-site, a growing number of documents from the collections can be accessed online through the ASASA Digital Library. The Digital Library contains documents including thousands of photographs, letters, reports, and other items, most of which offer full text.

LABS

Industrial hygiene Laboratory

Students will have the ability to gain first-hand experience using state-of-the-art equipment to evaluate a variety of hazardous environmental agents and factors.

ergonomics Laboratory

The various types of tests and equipment found in the Ergonomics Laboratory are devoted to helping students understand and evaluate the functional parameters of the human body in the workplace. The lab houses the Vicon Motion Capture and Measurement System.

Robertson Aircraft Accident Investigation Laboratory

The Robertson Aircraft Accident Investigation Laboratory is the most complete facility of its kind in the country — and the only scenario-based accident investigation facility available for use by students at any university.

Professional Association Student Chapters

American Society of Safety Professionals (ASSP)

- National membership provides over $8,000 in value of OSHA/MSHA/DOT/EPA complimentary certified training
- Networking opportunities with other safety professionals
- Grants/Scholarships
- Technical Safety Workshops

International Society of Air Safety Investigators (ISASI)

- The members of this ERAU student chapter gather and discuss information to further the field of aircraft accident investigation and aviation safety.

What Our Alumni/Current Students Have to Say

"What I appreciated most is the accessibility of my instructors. It supported my drive to learn more… Completing the master’s program has helped me realize my inner potential as an academic professional. I excelled in all of my studies and achieved recognition by various professional organizations for the hard work and dedication that I invested in each of my classes and extra-curricular activities."

— Mason Saldana ’17

"The Safety Science program at Embry-Riddle Prescott prepared me well for joining the aviation safety industry. I now know how to deal with raw data and extrapolate valuable information. In spring of 2018, I completed a Safety Management Systems internship with Delta Airlines in their Corporate Safety Department. The exercises we did in class on how to write and present a proper analysis report for a safety-related issue turned out to be an important skill to have during my internship."

— Shih-Jun Lin ’18

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EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
Graduate Programs
Arizona Campus
Residential & Executive

Master of Science in Safety Science

next steps
CONTACT US
Getting in touch with us is easy!
Call 800.888.3728 or email us at prescottgradinfo@erau.edu
Check out our website: prescott.erau.edu

HOW TO APPLY
A complete application for domestic students consists of the following:
• Application form
• Resume
• Statement of goals and objectives
• 3 letters of recommendation
• Official transcripts from all colleges attended prior to Embry-Riddle
• Submitting GRE scores is optional
Contact us to get the application fee waiver code!

INTERNATIONAL STUDENTS
International students whose primary language is not English need to submit
1. Proof of English language proficiency (79 on the iBT TOEFL or 6 on the IELTS). English language training is available at the Embry-Riddle Language Institute for many students not meeting the minimum TOEFL or IELTS scores.
2. Course-by-course foreign credential evaluation.
   If your bachelor's degree is from a university that is not regionally accredited with the Higher Learning Commission in the United States, you will need to have your transcripts evaluated by a third party agency such as WES or ECE.
3. Proof of funding is required for the first year of study.

VISIT US!
Tour the campus! Meet with admissions! Meet with faculty!
Talk to Financial Aid! Sit in on a class!
Email prescottgradinfo@erau.edu to schedule a "graduate campus tour" or call 800.888.3728

File your FAFSA at www.fafsa.ed.gov
Our school code on the FAFSA is 001479
Scholarships and Graduate Assistantships are available. Contact us for more information!

APPLY NOW!