

M.S. in Aviation Business Risk Management

The Aviation Business Risk Management program examines risk assessment and decision-making within aviation business environments. The curriculum focuses on identifying, analyzing and managing operational and organizational risks relevant to the aviation industry.

Program-Level Student Learning Outcomes

Students will:

- Apply advanced risk management and resilience frameworks to complex challenges in aviation and related industries.
- Integrate artificial intelligence tools to enhance risk assessment, decision-making, and operational efficiency.
- Assess mitigation strategies for strategic, operational, and financial risks within aviation organizations.
- Construct comprehensive risk profiles for aviation firms using various methods.
- Communicate risk insights effectively to diverse stakeholders.
- Assess the impact of risk management practices on organizational performance.

Worldwide Program Requirements

Core Requirements	30
Total Credits	30

Program Details

The Master of Science in Aviation Business Risk Management requires successful completion of a minimum of 30 credit hours. Students enrolled in the Worldwide Graduate Online program may complete the degree in six terms, or approximately two years, assuming full-time enrollment and continuous progress. Students pursuing this graduate degree must earn a minimum cumulative grade point average (CGPA) of 3.00 for all work completed at the University. The courses required to earn this degree are listed below.

Students should be aware that many courses have prerequisites and/or corequisites. Students are responsible for ensuring that all prerequisite and degree requirements are satisfied prior to enrollment in advanced coursework. The suggested plan of study is provided as a guide. A student's actual plan of study may vary based on term of admission, course availability, transfer credit, and other academic considerations. Students should consult with their academic advisor to develop an individualized plan of study.

Core Requirements

HROM 510	Enterprise Risk Management	3
BUSA 602	Business Risks in Aviation and Aerospace	3
MGMT 635	Business Policy and Decision Making	3
HROM 520	Organizational Resilience	3
BUAN 524	Applied Business Intelligence and Analytics	3
HROM 530	Modeling and Decision-Making	3
AASI 639	Aviation Corporate Sustainability Management	3
CYAV 525	Aviation Cybersecurity Risk Management and Resilience	3
BUSA 604	AI Driven Risk Assessment and Measurement	3

BUSA 606	Developing Individual and Organizational Risk Competency	3
----------	--	---

Total Credits	30
----------------------	-----------

Suggested Plan of Study

Year One

Requirements	Credits
HROM 510 - Enterprise Risk Management	3
Semester Hours	3

Requirements	Credits
BUSA 602 - Business Risks in Aviation and Aerospace	3
Semester Hours	3

Requirements	Credits
MGMT 635 - Business Policy and Decision Making	3
Semester Hours	3

Requirements	Credits
HROM 520 - Organizational Resilience	3
Semester Hours	3

Requirements	Credits
BUAN 524 - Applied Business Intelligence and Analytics	3
Semester Hours	3

Total Credits

Total Hours for All Requirements: 15

Year Two

Requirements	Credits
HROM 530 - Modeling and Decision-Making	3
Semester Hours	3

Requirements	Credits
AASI 639 - Aviation Corporate Sustainability Management	3
Semester Hours	3

Requirements	Credits
CYAV 525 - Aviation Cybersecurity Risk Management and Resilience	3
Semester Hours	3

Requirements	Credits
BUSA 604 - AI Driven Risk Assessment and Measurement	3
Semester Hours	3

Requirements	Credits
BUSA 606 - Developing Individual and Organizational Risk Competency	3
Semester Hours	3

Total Credits

Total Hours for All Requirements: 15

Estimated Cost of Attendance

Estimated Cost of Attendance: California Student Information (<https://catalog.erau.edu/student-life/student-affairs/california-student/>)