

Embry-Riddle Aeronautical University - Worldwide
 BS in Safety Management Program Plan File (PPF)
 Category I

Degree Requirements	Required Semester Credits	CCAF Transfer Credits	Course Credits to take at Institution
General Education	33	27	6
Communication Theory and Skills (9)			
ENGL 123 English Composition	3	3 ⁷	
Speech/English	6	6	
Humanities (6)			
HUMN 330 Values and Ethics	3	3 ⁷	
Humanities elective	3	3	
Social Sciences (6)			
ECON 210 Microeconomics -or- ECON 211 Macroeconomics	3	3 ⁷	
Social Science elective	3	3	
Physical and Life Science elective (3)			
Physics/Biology/Meteorology/Chemistry/Any Environmental Science (Geology, Geophysics).	3	3 ³	
Mathematics (6)			
MATH 111 Pre-calculus for Aviation & MATH-112 Applied Calculus for Aviation – OR- MATH 140 College Algebra & MATH 142 Trigonometry	6		6 ⁵
Computer Science (3) Take one of the following courses to satisfy Computer Science requirements. The course used to satisfy GenEd Computer Science requirement cannot also be used to satisfy a Core/Major or Minor requirement,			
CSCI 109 Introduction to Computers and Applications – OR- CSCI 123 Introduction to Computing for Data Analysis – OR- CYBR 235 Computer and Network Technologies	3	3 ⁴	
Core/Major			
Safety Management Core	52	0	52
SFTY 201 Introduction to Health, Occupational, and Transportation Safety	3		3
SFTY 205 Principles of Accident Investigation	3		3
SFTY 311 Fundamentals of Occupational Safety and Health	3		3
SFTY 315 Environmental Compliance and Safety	3		3
SFTY 321 Ergonomics	3		3
SFTY 326 System Safety	3		3
SFTY 355 Industrial Hygiene and Toxicology	3		3
SFTY 360 Construction Safety	3		3
SFTY 365 Fire Protection	3		3

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SFTY 440 System Safety Management	3		3
SFTY 450 Loss Control & Insurance	3		3
EMGY 310 Fundamentals of Emergency Management	3		3
EMGY 405 Disaster Policy and Management	3		3
STAT 222 Business Statistics	3		3
CHEM 139 General Chemistry I	3		3
CHEM 141 General Chemistry I Laboratory	1		1
RSCH 202 Introduction to Research Methods	3		3
BSSM 491 Operational Applications in Safety Management	3		3
Electives			
Safety Management Electives	18	18	0
Select Six (6) Safety Management Courses (SFTY, EMGY, and safety-related SCTY, ESVS, HLSD courses)		18 ⁶	
Open Electives or Choose Minor	18	18	0
Any undergraduate non-duplicated courses		18 ⁶	0
Total Credits Required: Bachelor of Science Degree	121	63	58

NOTES:

1. This degree will require no more than 60 SH to be taken with ERAU-Worldwide toward the declared AU-ABC program for students who have met the CCAF graduation requirements. For credit evaluation of courses taken at other academic institutions (not listed above), students should submit official transcripts with their admissions application. Credit awarded will depend upon coursework that has already been earned at ERAU, and may not diminish the 60 total credits required for ERAU-WW program completion.
2. Even though transfer credit is awarded for a specific ERAU course as part of the Agreement, no assumption may be made that credit is awarded for any ERAU prerequisite course(s) unless the prerequisites are specifically part of this Agreement. A grade of "C" or better is required to be accepted as transfer credit.
3. PHYSICAL/LIFE SCIENCE ELECTIVE – Transfer credit may be awarded. If transfer credit is not present 3 SH of Physics/Biology/Meteorology/Chemistry/Any Environmental Science (Geology, Geophysics) may be required, but no more than 60 SH will be required to complete the degree program.
4. Computer Courses – CSCI 109, CSCI 123 & CYBR 235 – Transfer credit may be awarded, or these courses may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
5. Math Courses – MATH 111 & MATH 112 OR MATH 140 & MATH 142
Transfer credit may be awarded, or these courses may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
6. Elective Hours provided may be adjusted depending on the amount of transfer credit awarded for General Education & Core Requirements and previous ERAU credit

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awarded. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.

7. Transfer credit may be awarded, or the courses listed below (in order) may be waived if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program: ENGL-123, ECON 210/211, HUMN 330.

SAMPLE