

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

<b>Degree Requirements</b>	<b>Required Semester Credits</b>	<b>CCAF Transfer Credits</b>	<b>Course Credits to take at Institution</b>
<b>General Education</b>	<b>36</b>	<b>24</b>	<b>12</b>
<b>Communication Theory and Skills (9)</b>			
ENGL 123 English Composition	3	3	
Speech/English	6	6	
<b>Humanities (6)</b>			
HUMN 330 Values and Ethics	3	3	
Humanities elective (lower or upper level)	3	3	
<b>Social Sciences (6)</b>			
ECON 210 Microeconomics –or- ECON 211 Macroeconomics	3		3 <sup>8</sup>
Social Science elective	3	3	
<b>Physical and Life Science lower-level elective (6)</b>			
PHYS 102 Explorations in Physics	3		3 <sup>3</sup>
WEAX 201 Meteorology I	3	3 <sup>3</sup>	
<b>Mathematics (6)</b>			
MATH 111 Pre-calculus for Aviation	3		3
MATH 112 Applied Calculus for Aviation	3		3
<b>Computer Science (3) Take one of the following courses to satisfy Computer Science requirements. The course used to satisfy the GenEd Computer Science requirement cannot also be used to satisfy a Core/Major or Minor requirement</b>			
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 <sup>4</sup>	
<b>Core/Major</b>			
<b>Aviation Area of Concentration</b> <b>Make up shortages with non-duplicating courses from the following disciplines. Aeronautical Science, Aviation Maintenance and related aviation/aerospace coursework in Transportation, Safety, Security, History, Engineering, and Unmanned Systems (MUST BE AVIATION RELATED).</b>	<b>18</b>	<b>18</b>	
<b>Program Support</b>	<b>24</b>	<b>6</b>	<b>18</b>
ASCI 202 Introduction to Aeronautical Science	3		3 <sup>8</sup>
ASCI 254 Aviation Legislation	3		3 <sup>8</sup>
ASCI 404 Applications in Aviation/Aerospace Law	3		3
STAT 211 Statistics with Aviation Apps	3		3 <sup>5</sup>

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MGMT 201 Principles of Management	3	3	
MGMT 210 Financial Accounting	3		3 <sup>8</sup>
MGMT 221 Intro to Management Information Systems	3	3 <sup>4</sup>	
RSCH 202 Introduction to Research Methods	3		3
<b>Professional Development Core</b>	<b>12</b>		<b>12</b>
ASCI 309 Aerodynamics	3		3
ASCI 490 Aeronautical Science Capstone Course	3		3
MGMT 420 Management of Production & Operations	3		3
SFTY 409 Aviation Safety	3		3
<b>Electives</b>			
<b>Professional Development Electives (Upper Level)</b>	<b>21</b>	<b>3</b>	<b>18</b>
Select from courses in available Minor Courses of Study or these related disciplines Aeronautical Science, Management, Economics, Safety, Security, Transportation, Unmanned Systems, Engineering, and Technology.		3 <sup>6</sup>	18
<b>Open Electives (Upper or Lower Level)</b>	<b>9</b>	<b>9</b>	<b>0</b>
Any undergraduate non-duplicated courses		9 <sup>7</sup>	
<b>Total Credits Required: Bachelor of Science Degree</b>	<b>120</b>	<b>60</b>	<b>60</b>

**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, 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.
4. Computer Courses – CSCI 109, CSCI 123, CYBR 235 & MGMT 221 – 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 – STAT 211 \* STAT 222 - 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.

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6. Professional Development Electives – Transfer credit may be awarded, or MGMT 314 may be awarded for INT-7000, or these course may be required if no transfer credit or INT-7000 is not present. If transfer credit or INT-7000 is not awarded no more than 60 SH will be required to complete the degree program.
7. Open Elective Hours provided may be adjusted depending on the amount of transfer credit awarded for General Education & Core Requirements and previous ERAU credit awarded. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
8. 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: MGMT 210, ECON 210/211, ASCI 202, ASCI 254.

SAMPLE