

B.S. in Interdisciplinary Studies

The B.S. in Interdisciplinary Studies at the **Daytona Beach Campus** prepares graduates to become corporate leaders in a dynamic, global landscape. With a strong foundation in general education and interdisciplinary inquiry, the program offers students the flexibility to customize their degree. By focusing on the student's strengths and interests, students select three minors or two minors and an area of focus. Through a truly interdisciplinary core that integrates the humanities, technology, and sciences, students learn to think critically, connect ideas across disciplines, communicate effectively, and adapt to rapidly changing career environments, preparing them to become innovative leaders in their chosen fields.

At the **Worldwide Campus**, the B.S. in Interdisciplinary Studies provides students the opportunity to design a customized program that connects science, technology and humanity. Graduates can pursue careers in aviation, aerospace, international business, communication or related fields. Core courses focus on strengthening communication and analytical skills, while the interdisciplinary structure allows students to select a minor area of study that expands their knowledge and global perspective.

The program is part of the Air University-Associate to Baccalaureate Cooperative (AU-ABC Category I), which allows Community College of the Air Force (CCAF) associate degree holders to enroll.

Program-Level Student Learning Outcomes

Students will:

- Communicate disciplinary concepts through written, digital, and oral presentations for technical and non-technical audiences.
- Evaluate problems or challenges within a career field related to their minors.
- Use digitally-enabled technology to interpret data.
- Apply meaningful interdisciplinary research to a capstone project or document that correctly uses an approved documentation system.
- Synthesize information from various disciplines related to their minors into a comprehensive understanding.

Daytona Beach Program Requirements

General Education Requirements	36
Core Requirements	30
Minor or Breadth/Specialization Area	45-54
Open Electives	0-9
Total Credits	120

General Education Requirements

Communication	9
Humanities - Lower Level	3
Social Sciences - Lower Level	3
Humanities/Social Sciences - Lower or Upper Level	3
Humanities/Social Sciences - Upper Level	3
Computer Science/Information Technology	3
Mathematics	6
Physical/Life Sciences	6
Total Credits	36

Core Requirements

Aviation/Aerospace Foundation	3
ASCI 120 Principles of Aeronautical Science	
HIST 130 History of Aviation in America	

SPAC 110 Introduction to Space Flight	
Management Foundation	3
MGMT 201 Principles of Management	
Philosophical Perspectives	3
HUMN 330 Values and Ethics	
HUMN 341 World Philosophy	
HUMN 345 Comparative Religions	
Research Methods	3
COMM 270 Communication Research Theory and Methods	
COMM 415 Nonverbal Communication	
HFCT 300 Human Factors Principles and Fundamentals	
MKTG 355 Data Driven Decision Making	
PSYC 323 Research Design and Research Methods Laboratory	
Global Focus	6
BUSA 335 International Business	
MGMT 427 Management of the Multicultural Workforce	
Any GCST Course	
HUMN 300 World Literature	
HUMN 323 Arab Culture	
HUMN 345 Comparative Religions	
COMM 363 Communication and Society	
GOVT 325 International Studies	
Any Study Abroad Course(s) with Permission	
Enhanced Communication/Humanities	9
Choose any Upper Level HUMN or COMM Course	
Choose any Upper Level HUMN or COMM Course	
Choose any Upper Level COMM Course	
Senior Capstone	3
HUMN 490 Senior Thesis	
COIN 396 Co-Operative Education	
COIN 397 Co-Operative Education	
Total Credits	30

Minor or Breadth/Specialization Area

Minor 1	15-22
Minor 2	15-22
Minor 3 or Breadth/Specialization Area	15
Total Credits	45-54

Open Electives

Open Electives	0-9
Total Credits	0-9

Suggested Plan of Study

Year One

Requirements	Credits
ASCI 120 - Principles of Aeronautical Science, SPAC 110 - Introduction to Space Flight, or HIST 120 - U.S. History	3
COMM 122 - English Composition	3
CPSC 118 - Fundamentals of Computer Programming, ENGR 115 - Introduction to Computing for Engineers, BUAN 125 - Foundations in Business Data Analytics, CPSC 223 - Scientific Programming in C, or CYBR 235 - Computer and Network Technologies	3

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100-Level MATH/STAT/CPSC/DSCI (dependent on scores/transfer/ minors)	3
Social Sciences - Lower Level	3
Semester Hours	15

Requirements	Credits
COMM 219 - Speech	3
MGMT 201 - Principles of Management	3
Humanities - Lower Level (140 Series)	3
200-Level MATH/STAT/CPSC/DSCI (dependent on scores/transfer/ minors)	3
Humanities/Social Sciences - Lower or Upper Level	3
Semester Hours	15

Total Credits

Total Hours for All Requirements: 30

Year Two

Requirements	Credits
COMM 221 - Technical Communication, 222 - Business Communication, or 223 - Intelligence Communication	3
Physical/Life Sciences with Lab	3
Humanities/Social Sciences - Upper Level	3
Minor 1 Course	3
Minor 2 Course	3
Semester Hours	15

Requirements	Credits
Physical/Life Sciences	3
Global Force Elective	3
Philosophical Perspectives	3
Minor 3 or Breadth Area Course	3
Research Methods (Must be completed before COIN 396 or HUMN 490)	3
Semester Hours	15

Total Credits

Total Hours for All Requirements: 30

Year Three

Requirements	Credits
Minor 1 Course	3
Minor 2 Course	3
Enhanced Communication	3
Global Focus	3
Minor 3 or Breadth Area Course	3
Semester Hours	15

Requirements	Credits
Enhanced Communication	3
Minor 1 Course	3
Minor 1 Course	3
Minor 2 Course	3

Minor 3 or Breadth Area Course	3
Semester Hours	15

Total Credits

Total Hours for All Requirements: 30

Year Four

Requirements	Credits
Enhanced Communication	3
Minor 1 Course	3
Minor 1 Course	3
Minor 2 Course	3
HUMN 490 - Senior Thesis or COIN 396 - Co-Operative Education (if COIN 396 had not been taken or GPA is too low for COIN)*	3
Semester Hours	15

Requirements	Credits
Minor 2 Course	3
Minor 2 Course	3
Minor 3 Course	3
Minor 3 or Breadth Area Course	3
Minor 3 or Breadth Area Course * or Minor 1 or 2 Course	3
Semester Hours	15

Total Credits

Total Hours for All Requirements: 30

* Capstone COIN 396/397 can be taken in any semester, but students must have completed a Research Methods course first.

** Minor and Breadth Areas can borrow up to 9 credits of courses. Two upper level courses are required for each Minor or Breadth Area.

Worldwide Program Requirements

General Education Requirements	36
Core Requirements	30
Minor/Breadth/Specialization Area	45-54
Open Electives	0-9
Total Credits	120

Program Details

The Bachelor of Science in Interdisciplinary Studies requires successful completion of a minimum of 120 credit hours, including at least 40 credit hours of upper-level (300-400 level) coursework. Students enrolled in the Worldwide Undergraduate Online program may complete the degree in 20 terms, or approximately four years, assuming full-time enrollment and continuous progress. Students pursuing this undergraduate degree must earn a minimum cumulative grade point average (CGPA) of 2.00 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.

Students must complete two or three approved minors and a specialty area of related coursework as part of the degree requirements. Because the number of credit hours required for each minor varies, some

combinations may result in total degree requirements exceeding 120 credit hours. Students should work closely with their academic advisor to select minors and a specialty area that align with their academic interests, career goals, and University graduation requirements, including the minimum upper-level credit hour requirement.

General Education Requirements

Communication	9
Humanities - Lower Level	3
Social Sciences - Lower Level	3
Humanities/Social Sciences - Lower or Upper Level	3
Humanities/Social Sciences - Upper Level	3
Computer Science/Information Technology	3
Mathematics	6
Any Mathematics 6-Hour Sequence Above MATH 106	
Physical/Life Sciences	6
Total Credits	36

Core Requirements

Aviation/Aerospace Foundation	3
ASCI 202 Introduction to Aeronautical Science or HIST 130 History of Aviation in America	
Management Foundation	3
Any 100-Level or Higher MGMT Course	
Philosophical Perspectives	3
HUMN 330 Values and Ethics	
Research Methods	6
RSCH 202 Introduction to Research Methods	
Choose One of the Following:	
100-Level STAT Course	
STAT 211 Statistics with Aviation Applications	
STAT 222 Business Statistics	
Global Focus	3
Any Upper Level GOVT Course	
Enhanced Communication/Humanities	9
Any Upper Level HUMN Course	
Any Upper Level HUMN Course	
Any Upper Level COMM Course	
Senior Capstone	3
RSCH 490 Capstone Project	
Total Credits	30

Minor/Breadth/Specialization Area

Minor 1	15-22
Minor 2	15-22
Minor 3 or Breadth/Specialization Area	15
Total Credits	45-54

Open Electives

Open Electives	0-9
Total Credits	0-9

Suggested Plan of Study

Year One

Requirements	Credits
COMM 122 - English Composition	3
Communication	3
Semester Hours	6

Requirements	Credits
Communication	3
Humanities - Lower Level	3
Semester Hours	6

Requirements	Credits
Social Sciences - Lower Level	3
Humanities/Social Sciences - Lower or Upper Level	3
Semester Hours	6

Requirements	Credits
Humanities/Social Sciences - Upper Level	3
CPSC 109 - Introduction to Computers and Applications, 123 - Introduction to Computing for Data Analysis, or CYBR 235 - Computer and Network Technologies	3
Semester Hours	6

Requirements	Credits
Mathematics	3
Mathematics	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 30

Year Two

Requirements	Credits
Physical/Life Sciences	3
Physical/Life Sciences	3
Semester Hours	6

Requirements	Credits
ASCI 202 - Introduction to Aeronautical Science or HIST 130 - History of Aviation in America	3
Enhanced Communication/Humanities	3
Semester Hours	6

Requirements	Credits
Management - Lower or Upper Level	3
RSCH 202 - Introduction to Research Methods	3
Semester Hours	6

Requirements	Credits
STAT 211 - Statistics with Aviation Applications or 222 - Business Statistics	3
Government - Upper Level	3
Semester Hours	6

Requirements	Credits
HUMN 330 - Values and Ethics	3
Enhanced Communication/Humanities	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 30

Year Three

Requirements	Credits
Enhanced Communication/ Humanities	3
Minor 1 Course	3
Semester Hours	6

Requirements	Credits
Minor 1 Course	3
Minor 1 Course	3
Semester Hours	6

Requirements	Credits
Minor 1 Course	3
Minor 1 Course	3
Semester Hours	6

Requirements	Credits
Minor 2 Course	3
Minor 2 Course	3
Semester Hours	6

Requirements	Credits
Minor 2 Course	3
Minor 2 Course	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 30

Year Four

Requirements	Credits
Minor 2 Course	3
Minor/Breadth/Specialization Course	3
Semester Hours	6

Requirements	Credits
Minor/Breadth/Specialization Course	3
Minor/Breadth/Specialization Course	3
Semester Hours	6

Requirements	Credits
Minor/Breadth/Specialization Course	3
Minor/Breadth/Specialization Course	3
Semester Hours	6

Requirements	Credits
Open Elective	3
Open Elective	3
Semester Hours	6

Requirements	Credits
Open Elective	3
RSCH 490 - Capstone Project	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 30

Estimated Cost of Attendance

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