# A.S. in Uncrewed and Autonomous Systems

## Worldwide Program Requirements

| | |
|---|---|
| General Education Requirements | 36 |
| Core Requirements | 24 |
| **Total Credits** | **60** |

## Program Details

The Associate of Science in Uncrewed and Autonomous Systems requires successful completion of a minimum of 60 credit hours. Students enrolled in the Worldwide Undergraduate Online program may complete the degree in 10 terms, or approximately two 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.

## General Education Requirements

| | |
|---|---|
| Communication | 9 |
| Any Communication above COMM 106 | |
| Humanities - Lower or Upper Level | 3 |
| Social Sciences - Lower Level | 3 |
| Social Sciences - Lower or Upper Level | 3 |
| Humanities - Upper Level | 3 |
| Computer Science/Information Technology | 3 |
| Mathematics | 6 |
| Any College Algebra or Higher Math Series | |
| Physical/Life Sciences | 6 |
| Any Physical Science/Physics | |
| **Total Credits** | **36** |

## Core Requirements

| | | |
|---|---|---|
| ASCI 202 | Introduction to Aeronautical Science | 3 |
| AVSF 320 | Human Factors in Aviation Safety | 3 |
| UNSY 205 | Applied Physics for Uncrewed Systems | 3 |
| UNSY 220 | Uncrewed Aircraft Systems | 3 |
| UNSY 313 | Uncrewed Maritime Systems and Applications | 3 |
| UNSY 318 | UAS Robotics | 3 |
| UNSY 322 | Operational and Business Aspects of Uncrewed Aircraft Systems | 3 |
| UNSY 324 | Global Uncrewed Aircraft Systems (UAS) Regulations | 3 |
| **Total Credits** | | **24** |

## Suggested Plan of Study

### Year One

| Requirements | Credits |
|---|---|
| Any Communication above COMM 106 | 3 |
| Any College Algebra or Higher Math Series | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| Any Communication above COMM 106 | 3 |
| Any College Algebra or Higher Math Series | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| Any Communication above COMM 106 | 3 |
| Computer Science/Information Technology | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| Humanities - Lower Level | 3 |
| Any Physical Science/Physics | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| ASCI 202 - Introduction to Aeronautical Science | 3 |
| Social Sciences - Lower Level | 3 |
| **Semester Hours** | **6** |

### Total Credits

Total Hours for All Requirements: 30

### Year Two

| Requirements | Credits |
|---|---|
| UNSY 322 - Operational and Business Aspects of Uncrewed Aircraft Systems | 3 |
| Any Physical Science/Physics | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| UNSY 205 - Applied Physics for Uncrewed Systems | 3 |
| Social Sciences - Upper Level | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| AVSF 320 - Human Factors in Aviation Safety | 3 |
| UNSY 313 - Uncrewed Maritime Systems and Applications | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| UNSY 220 - Uncrewed Aircraft Systems | 3 |
| Humanities - Upper Level | 3 |
| **Semester Hours** | **6** |

| Requirements | Credits |
|---|---|
| UNSY 318 - UAS Robotics | 3 |
| UNSY 324 - Global Uncrewed Aircraft Systems (UAS) Regulations | 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/)