

Minor in Uncrewed and Autonomous Systems

Uncrewed and Autonomous Systems (UAS) represent a significantly growing segment of the aviation/aerospace industry that provides an important capabilities modifier for military, civil, and commercial users. Understanding the historical background, development, integration, and application of this technology, coupled with a detailed comprehension of the regulatory framework, support requirements, advantages and limitations, industry needs, elemental composition, and planning provisions, provides students with the knowledge necessary to succeed in this field. Through this minor course of study, you will gain exposure and experience connected to the fundamental concepts, principles, and methods associated with the use, development, configuration, and support of UAS and the associated technology.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Daytona Beach Minor Requirements

UNSY 125	Private and UAS Pilot Operations	3
UNSY 220	Uncrewed Aircraft Systems	3
UNSY 236	Uncrewed Aircraft Systems Operation and Cross-Country Data Entry	3
or UNSY 241	UAS Systems Architecture and Integration	
UNSY 323	Crew Resource Management for UAS	3
UNSY 368	UAS Sensing Systems	3
UNSY 390	UAS Practicum I	3
Total Credits		18

Prescott Minor Requirements

UNSY 220	Uncrewed Aircraft Systems	3
UNSY 236	Uncrewed Aircraft Systems Operation and Cross-Country Data Entry	3
UNSY 324	Global Uncrewed Aircraft Systems (UAS) Regulations	3
UNSY 403	Uncrewed Sensing Systems	3
GEOS 210	Introduction to Geographic Information Systems	3
Choose One of the Following:		3-6
ASCI 121	Private Pilot Operations	
UNSY 125	Private and UAS Pilot Operations	
Total Credits		18-21

Worldwide Minor Requirements

UNSY 220	Uncrewed Aircraft Systems	3
UNSY 322	Operational and Business Aspects of Uncrewed Aircraft Systems	3
UNSY 318	UAS Robotics	3
UNSY 403	Uncrewed Sensing Systems	3
ASCI 404	Applications in Aviation and Aerospace Law	3
ASCI 406	Airborne Law Enforcement	3
Total Credits		18

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