

# B.S. in Uncrewed Aircraft Systems

## Uncrewed Aircraft Systems - General

### Freshman Year

Fall		Credits
AS 121	Private Pilot Operations	3-5
or AS 125	Private and UAS Pilot Operations	
COM 122	English Composition	3
IT 109	Introduction to Computers and Applications	3
or CS 118	Fundamentals of Computer Programming	
MA 111	Pre-Calculus for Aviation	3
or MA 120	Quantitative Methods I	
or MA 140	College Algebra	
UNIV 101	College Success	1
<b>Credits Subtotal</b>		<b>13.0-15.0</b>

### Spring

BA 201	Principles of Management	3
	Lower-Level Humanities	3
MA 112	Applied Calculus for Aviation	3-4
or MA 220	Quantitative Methods II	
or MA 241	Calculus and Analytical Geometry I	
PS 113	Introductory Physics I	3
WX 201	Survey of Meteorology	3
WX 203L	Survey of Meteorology Laboratory	1
or PS 113L	Introductory Physics I Laboratory	
<b>Credits Subtotal</b>		<b>16.0-17.0</b>

### Sophomore Year

Fall		Credits
AS 220	Uncrewed Aircraft Systems	3
AS 309	Aerodynamics	3
	Communication Theory and Skills Elective	3
PSY 222	Introduction to Industrial/Organizational Psychology (OR Lower-level or Upper-level Humanities or Social Science)	3
WX 301	Aviation Weather	3
<b>Credits Subtotal</b>		<b>15.0</b>

### Spring

AS 235	Uncrewed Aircraft Systems Operation and Cross-Country Data Entry	3
AS 310	Aircraft Performance	3
	Communication Theory and Skills Elective	3
SF 210	Introduction to Aerospace Safety	3
	Specified Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

### Junior Year

Fall		Credits
AS 322	Operational and Industrial Aspects of UAS	3
AT 200	Air Traffic Basics I	3
EC 200	An Economic Survey (OR Lower-Level Social Science Elective)	3
or EC 210	Microeconomics	
or EC 211	Macroeconomics	
GEO 210	Introduction to Geographic Information Systems	3

Open Elective	3
<b>Credits Subtotal</b>	<b>15.0</b>

### Spring

AS 323	Crew Resource Management for UAS	3
AS 325	Dronealism and Cinematography	3
AS 403	Uncrewed Sensing Systems	3
GEO 310	Advanced Geographic Information Systems	3
	Specified Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

### Senior Year

Fall		Credits
AS 324	Global Uncrewed Aircraft Systems (UAS) Regulations	3
AS 473	Operational Applications in Uncrewed Aircraft Systems	3
AS 495W	Advanced UAS Videography	3
CI 310	Intelligence, Surveillance and Reconnaissance	3
	Specified Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

### Spring

AS 405	Aviation Law	3
AS 475	UAS Mission Execution	3
	Open Electives	1-4
PSY 326	Group and Team Behavior (OR Upper-Level Humanities or Social Science)	3
or PSY 345	Training and Development	
	Specified Elective	3
<b>Credits Subtotal</b>		<b>13.0-16.0</b>
<b>Credits Total:</b>		<b>120</b>