

## **B.S. in Aviation Operations**

**(74 major credits plus general education and university elective credits = 120 Credits)**

*Courses in italics are prerequisites. Underlined courses are prerequisites or corequisites.*

### **Freshman (30 cr)**

		<u>Prerequisites/Corequisites</u>
1	AVIT 100*	Intro to Aviation (Starting Fall 2010)
3	AVIT 101*	Private Pilot Ground School
3	AVIT 103*	Air Transportation
3	MATH 112*	College Algebra <i>HS algebra</i>
3	MATH113*	Trigonometry <i>MATH 112</i>
3	EAS 104	Intro to Atmospheric Science
General Education Credits (Incl. *ENGL 191 & *CMST 192)		

(\*) Indicates Major prerequisite courses to apply for major.

### **Sophomore (30 cr)**

3	AVIT 203	Instrument Pilot Ground School	<i>AVIT 101</i>
<b>OR</b>	AVIT 345	Intro to Occupational Safety	
4	PHYS 231	Physics I	<i>MATH 072 or H.S. algebra</i>
3	AVIT 307	Aviation Law	<i>AVIT 101, 103</i>
3	AVIT 215	Intro to Air Traffic Control	<i>AVIT 101</i>
Elective Credits & General Education Credits			

### **Junior (30 cr)**

3	AVIT 317	Ethics in Aviation	<i>AVIT 307</i>
3	AVIT 325	Aviation Safety and Human Factors	<i>AVIT 101, 103</i>
3	AVIT 379	Advanced Aerodynamics	<i>AVIT 203, 351, PHYS 231</i>
<b>OR</b>		ATC Course (309, 311, or 313)	<i>AVIT 101, 103, 215</i>
4	EAS 360	Aviation Meteorology	<i>EAS 104, PHYS 231</i>
3	MGMT 301	Intro to Management	<i>Admitted to Major</i>
Elective Credits & General Education Credits			

### **Senior (30 cr)**

3	AVIT 409 <b>OR</b> AVIT 411 <b>OR</b> AVIT 413 <b>OR</b> 429		<i>MGMT 301</i>
3	AVIT 423	Air Carrier Operations	<i>MGMT 301</i>
3	CMST 341	Workplace Communications	<i>CMST 192</i>
3	MGMT 365	Organizational Behavior	<i>MGMT 301</i>
3	AVIT 497	Aviation Capstone	<i>Admitted to major, senior</i>
<b>OR</b>	AVIT 444	Internship	

15     \*Major Elective Credits, in a focus area, approved by advisor

Balance of University Elective Credits & General Education Credits