

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

**(73 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>
3	AVIT 101*      Aeronautics I	
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 315      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>	AVIT 415      Advanced Air Traffic Control	<i>AVIT 101, 103, 315</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 419      Contemporary Issues	<i>Admitted to major, senior</i>
<b>OR</b>	AVIT 444      Internship	
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>
15	*Major Elective Credits, in a focus area, approved by advisor	

Balance of University Elective Credits & General Education Credits