

# Bachelor of Science in Aeronautics with a Major in Aviation Studies

Required: 120 credits (36 of which must be numbered 300 or above) including:

- I. Essential Studies Requirements (see University ES listing).
- II. School of Aerospace Sciences Requirements (see College section).
- III. The following curriculum:

Code	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
COMM 110	Fundamentals of Public Speaking	3
ENGL 110	College Composition I	3
ENGL 130	Composition II: Writing for Public Audiences	3
<b>SOCIAL SCIENCE (9 CREDITS)</b>		
Social Science Elective		3
Social Science Elective		3
Social Science Elective		3
<b>FINE ARTS AND HUMANITIES (9 CREDITS)</b>		
Humanities Elective		3
Fine Arts Elective		3
Fine Arts or Humanities Elective		3
<b>MATH, SCIENCE &amp; TECHNOLOGY (9 Credits)</b>		
MATH 103	College Algebra	3
or MATH 110	Mathematics in Society	
Math, Science & Technology Elective		3
Math, Science & Technology Elective		3
<b>AVIATION REQUIREMENTS</b>		
AVIT 100	Aviation Orientation	1
AVIT 104	Fundamentals of Air Traffic Management	2
or AVIT 103	Introduction to Air Traffic Management	
AVIT 105	Essentials of Flight	3
	OR FAA Private Pilot Certificate	
AVIT 126	Introduction to UAS Operations	2
AVIT 208	Aviation Safety	3
AVIT 250	Human Factors	2
AVIT 403	Aerospace Law	3
AVIT 485	Aviation Senior Capstone	3
<b>Select two of the following:</b>		<b>6</b>
AVIT 402	Airport Planning and Administration	
AVIT 405	Airline Operations and Management	
AVIT 407	General Aviation Operations and Management	
<b>SELECT ONE SPECIALIZATION</b>		
<b>SAFETY SPECIALIZATION</b>		
AVIT 276	OSHA Safety Standards for Industry	3
AVIT 311	Safety Management System (SMS)	3
AVIT 312	Aircraft Accident Investigation	3
AVIT 313	Aviation Insurance	3
AVIT 412	Aviation Safety Analysis	3
CSCI 290	Cyber-Security and Information Assurance	3
<b>BUSINESS SPECIALIZATION</b>		
AVIT 311	Safety Management System (SMS)	3
AVIT 313	Aviation Insurance	3
AVIT 407	General Aviation Operations and Management	3
AVIT 408	Fleet Planning and Aircraft Acquisition	4

ENTR 386	Financials for Entrepreneurs	3
<b>OPTIONAL COURSES WHICH MAY BE USED TO SATISFY GRADUATION REQUIREMENTS</b>		
AVIT 176	Aviation Safety Standards for Construction Activities	3
AVIT 276	OSHA Safety Standards for Industry	3
AVIT 328	Fundamentals of Aircraft Systems Operations	3
AVIT 350	Human Error	3
BADM 101	Introduction to Business	3
ECON 210	Introduction to Business and Economic Statistics	3
MGMT 300	Principles of Management	3
MGMT 301	Operations Management	3
MGMT 362	Leadership and Conflict Resolution	3
ECON 201	Principles of Microeconomics	3
ISBA 117	Personal Productivity with Information Technology	1
ISBA 217	Fundamentals of Computer Information Systems	3
PSYC 360	Introduction to Personality	3
Plus electives to total 120 credits		