

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
COMMUNICATIONS (9 CREDITS)		
COMM 110	Fundamentals of Public Speaking	3
ENGL 110	College Composition I	3
ENGL 130	Composition II: Writing for Public Audiences	3
SOCIAL SCIENCE (9 CREDITS)		
Social Science Elective		3
Social Science Elective		3
Social Science Elective		3
FINE ARTS AND HUMANITIES (9 CREDITS)		
Humanities Elective		3
Fine Arts Elective		3
Fine Arts or Humanities Elective		3
MATH, SCIENCE & TECHNOLOGY (9 Credits)		
MATH 103	College Algebra	3
or MATH 110	Mathematics in Society	
Math, Science & Technology Elective		3
Math, Science & Technology Elective		3
AVIATION REQUIREMENTS		
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
Select two of the following:		6
AVIT 402	Airport Planning and Administration	
AVIT 405	Airline Operations and Management	
AVIT 407	General Aviation Operations and Management	
SELECT ONE SPECIALIZATION		
SAFETY SPECIALIZATION		
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
BUSINESS SPECIALIZATION		
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
OPTIONAL COURSES WHICH MAY BE USED TO SATISFY GRADUATION REQUIREMENTS		
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		