

Bachelor of Science in Aeronautics with a Major in Air Traffic Management

NOTE: This program has a selective admission process. See your adviser for information.

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
Essential Studies Courses		
ENGL 110	College Composition I	3
ENGL 130	Composition II: Writing for Public Audiences	3
COMM 110	Fundamentals of Public Speaking	3
Social Science Electives		9
Fine Arts and Humanities Electives		9
ATSC 110	Meteorology I	3
ATSC 110L	Meteorology I Laboratory	1
MATH 103	College Algebra	3
Math, Science, and Technology Elective		2
Aviation Courses		
AVIT 100	Aviation Orientation	1
AVIT 102	Introduction to Aviation	5-6
or AVIT 105	Essentials of Flight	
or AVIT 142 & AVIT 143	Introduction to Aviation-Helicopter and Private Pilot-Helicopter Certification Lab	
AVIT 103	Introduction to Air Traffic Management	2
AVIT 126	Introduction to UAS Operations	2
AVIT 208	Aviation Safety	3
AVIT 250	Human Factors	2
AVIT 260	Control Tower Operations I	4
AVIT 261	RADAR Operations I	4
AVIT 362	Advanced Tower Operations II	4
AVIT 363	RADAR Operations II	4
AVIT 402	Airport Planning and Administration	3
AVIT 403	Aerospace Law	3
AVIT 464	Control Tower/Radar Operations III	4
AVIT 468	Non-RADAR Environment	4
AVIT 469	Air Traffic Control Computer Equipment and Message Entry	2
AVIT 470	Enroute RADAR Operations	4
AVIT 485	Aviation Senior Capstone	3
Other Requirements		
COMM 212	Interpersonal Communication	3
MGMT 300	Principles of Management	3
or AVIT 311	Safety Management System (SMS)	
or AVIT 312	Aircraft Accident Investigation	
Select one of the following:		3
BADM 225	Professional Communication for Business	3
or ENGL 230	Analyzing Worldview through Story	
or ENGL 308	The Art of Writing Nonfiction	

or ENGL 227	Literature and the Environment	
Plus electives to total 120 credits. *		22-23
Total Credits		120

* Students will be required to use their electives to establish expertise in a second field, which means completion of a second major, a minor, a specialization, or other degree sub-plans. The Aviation Department may be consulted to discuss other sub-plan options.