



Aviation & Aerospace Science B.S. - Air Traffic Control Concentration

Minor (not required)

Fall 2023 Catalog Year

First Year		
Fall: 14 Credits	AES 1100 (4) Aviation Fundamentals	
	AES 1400 (3) Aviation Weather	
	Written Communication (3)	
	Quantitative Literacy (4) Algebra-based math course recommended	
Spring: 15 Credits	AES 1710 (3) Instrument Flight Sim I	
	Written Communication (3)	
	Oral Communication (3)	
	Natural & Physical Science (3)	
	Arts & Humanities (3)	

Third Year		
Fall: 15 Credits	AES 3880 (3) Aviation Security	
	AES Elective (3)	
	AES Elective (3)	
	AES Elective (3)	
Spring: 15 Credits	Historical (3) ESSJ or GD recommended	
	AES 4370 (3) Advanced Navigation Systems	
	AES Elective (3)	
	AES Elective (3)	
	AES Elective (3)	
	Arts & Humanities (3)	

Second Year		
Fall: 14 Credits	AES 2120 (4) Instrument Fundamentals	
	AES 2200 (4) Fundamentals of Air Traffic Control	
	Natural & Physical Science (3)	
	Social & Behavioral Science (3) ESSJ or GD recommended	
Spring: 15 Credits	AES 2130 (3) Commercial Flight Operations	
	AES 2710 (3) Instrument Flight Simulation II	
	AES Elective (3)	
	AES Elective (3)	
	Social & Behavioral Science (3)	

Fourth Year		
Fall: 15 Credits	AES 4860 (3) Aviation Safety OR	
	AES 4870 Aviation Safety Program Management	
	AES 4910 (3) Aviation & Aerospace Strategic Planning	
	AES Elective (3)	
	Minor or General Elective (3)	
	Minor or General Elective (3)	
Spring: 17 Credits	AES 4100 (3) Advanced Air Traffic Control	
	AES 4210 (3) Airport Planning & Management II OR	
	AES 4930 (3) Professional Flight Standards Seminar OR	
	JMP 4790 (3) Senior Seminar	
	Minor or General Elective (3)	
	Minor or General Elective (3)	
	Minor or General Elective (5)	

Consider a certificate to be strategic with your AES elective courses!