



First Year		
Fall: 16 Credits	AES 1100 (6) Aviation Fundamentals	
	AES 1400 (3) Aviation Weather	
	Written Communication (3)	
	MTH 1110 (4) College Algebra for Calculus OR MTH 1112 (4) College Algebra thru Modeling OR MTH 1310 (4) Finite Math-Mgmt & Social Sciences	
Spring: 15 Credits	AES 1040 (3) Intro to Unmanned Aircraft Systems OR AES 1050: Intro to Space	
	AES 1710 (3) Instrument Flight Simulation I	
	Written Communication (3)	
	Oral Communication (3)	
	Natural & Physical Sciences (3)	
Second Year		
Fall: 15 Credits	AES 2220 (3) Flight Dispatcher and Load Planning	
	AES 2050 (3) Aviation & Aerospace History & Development	
	Arts & Humanities (3)	
	Natural & Physical Sciences (3)	
	Social & Behavioral Sciences (3)	
Spring: 16 Credits	AES 2607 (3) Intro to Aerospace Systems Sim	
	AES 2200 (4) Fundamentals of Air Traffic Control	
	Historical (3) MC or GD recommended	
	Social & Behavioral Sciences (3)	
	Arts & Humanities (3)	

Third Year			
Fall: 15 Credits	AES 3000 (3) Aircraft Systems & Propulsion		
	AES 3600 (3) Space Flight Operations I		
	AES 3880 (3) Aviation Security		
	BUS 1950 (3) Business Communication OR JMP 2610 (3) Intro to Technical Writing		
	General Elective (3)		
Spring: 15 Credits	AES 3607 (3) Orbital Mech & Aerospace Sys Sim OR AES 3610 (3) Elements of Spacecraft Design I		
	AES 3850 (3) Human Factors & Physiology of Flight		
	AES 4601 (3) Space Flight Ops II		
	General Elective (3)		
	General Elective (3)		
Fourth Year			
Fall: 15 Credits	AES 4200 (3) Airport Planning & Management I		
	AES 3620 (3) Aero Sys Proj & Mission Scheduling OR AES 4603 (3) Aero Ops Sys Analysis & Design		
	AES 4860 (3) Aviation Safety OR AES 4870 (3) Aviation Safety Program Management		
	General Elective (3)		
	General Elective (3)		
Spring: 13 Credits	AES 4210 (3) Airport Planning & Management II OR AES 4930 (3) Pro Flight Standards Seminar OR JMP 4790 (3) Senior Seminar		
	AES 4602 (3) Aerospace Commercialized Operations OR AES 4620 (3) Elements of Spacecraft Design II		
	AES 4910 (3) Aviation & Aerospace Strategic Planning		
	General Elective (4)		