

**Metropolitan State University of Denver
Aviation and Aerospace Management Major, B.S.
Minor (required in School of Business):
Fall 2013 Catalog**

First Year	Suggested Course plan	Prerequisites	Alternative Course Plan
Fall: 16 credit hours	AES 1100 (6) Aviation Fundamentals (F, S)		
	ENG 1010 (3) Composing Arguments (F, S, Su)	Appropriate placement test score	
	SPE 1010 (3) Public Speaking (F, S, Su)		
	MTH 1110 (4) College Algebra OR MTH 1112 (4) College Algebra thru Modeling OR MTH 1310 (4) Finite Mathematics (F, S, Su)	Appropriate placement test score	
	TOTAL SEMESTER CREDIT HOURS:		
Spring: 13 credit hours	AES 1400 (3) Aviation Weather (F, S)		
	MTH 1210 (4) Introduction to Statistics (F, S, Su)	Appropriate placement test score	
	Approved Natural & Physical Sciences (3) (F, S)		
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	TOTAL SEMESTER CREDIT HOURS:		

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Second Year	Suggested Course plan	Prerequisite	Alternative Course Plan	
Fall: 16 credit hours	AES 2220 (3) Flight Dispatcher & Load Planning (F, S) OR AES 1050 Introduction to Space (3) (F,S)	AES 1100, 1400, MTH 1110		
	Social and Behavioral I (3) (F, S, Su) Multicultural or Global Diversity recommended			
	ENG 1020 (3) Freshman Composition: Analysis, Research, & Documentation (F, S, Su)	ENG 1010		
	AES elective (4)			
	Historical (3) (F, S, Su) Multicultural or Global Diversity recommended			
				TOTAL SEMESTER CREDIT HOURS:
Spring: 15 credit hours	COM 2610 (3) Introduction to Technical Writing OR MKT 2040 (3) Business Communication OR SPE 3100 (3) Business & Prof. Speaking (F, S)	ENG 1010 ENG 1010, 1020, SPE 1010 or 1710 & Quant. Literacy SPE 1010		
	PHI 3360 (3) Business Ethics	At least Junior standing		
	Social and Behavioral II (F, S, Su) Multicultural or Global Diversity recommended			
	Business Minor (3)			
	Arts & Humanities (3) (F, S, Su) Multicultural or Global Diversity recommended			
				TOTAL SEMESTER CREDIT HOURS:

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Third Year	Suggested Course plan	Prerequisite	Alternative Course Plan
Fall: 15 credit hours	AES 3220 (3) Aviation Law & Risk Management (F)	AES 1100 & at least Junior standing	
	AES 3230 (3) Airline Management (F)	At least Junior Standing	
	AES 3600 (3) Space Flight Operation I (F, S)		
	AES 3880 Aviation Security (3)	At least Junior standing	
	Business Minor (3)		
Spring: 15 credit hours	AES 3240 (3) Airline Planning (S)	At least Junior standing	
	AES 3850 (3) Human Factors & Physiology of Flight (F, S, Su)	At least Junior standing	
	AES 4240 (3) Air Cargo	At least Junior standing	
	AES 4601 (3) Space Flight Operations II	AES 3600	
	Business minor (3)		

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Fourth Year	Suggested Course plan	Prerequisite	Alternative Course Plan
Fall: 15 credit hours	AES 4200 (3) Airport Planning & Mgmt. I (F)	At least Junior standing	
	AES 4603 (3) Aerospace Ops Sys Analysis and Design	AES 4601	
	AES 4870 (3) Aviation Safety Program Management	Completion of all 3000-level AES courses & senior standing	
	AES 4910 (3) Aviation Management and Job Targeting	Aerospace Science major & Senior standing or permission of instructor	
	Business minor (3)		
			TOTAL SEMESTER CREDIT HOURS:
Spring: 15 credit hours	AES 4210 (3) Airport Planning & Management II (S)	At least Junior standing & AES 4200 or permission of instructor	
	AES 4230 (3) General & Business Aviation (S)	Senior standing or permission of instructor	
	AES 4602 (3) Aerospace Commercialized Operations	AES 4601	
	Business minor (3)		
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	Suggested Course plan	Prerequisite	Alternative Course Plan
Semester:			

Semester:			

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Semester:			

Semester:			

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