

**College of Basic and Applied Sciences
Upper Division Form 2020-2021 Catalog**

Student name _____ Student # _____
 Major **AEROSPACE** Minor **Business Administration (BUAD)**
 Concentration **AVIATION MANAGEMENT** E-mail _____

Instructions: For students graduating in Summer 2020 or later. One (1) copy signed by major and minor advisors should be filed in DSB 120 three semesters before anticipated graduation. An Intent to Graduate form must also be filed in DSB 120 at the time of Upper Division Form submission.

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020			Preq ENGL 1010 with C- or better	3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND / OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030 or HUM 2610. Choose two different subjects: ANTH 2210, ART 1030, ART 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030				Preq ENGL 1010 & 1020	3
					3
					3
MATHEMATICS (3 hours) Choose one: MATH 1010, 1530, 1630, 1710 , 1720, 1730, 1810, 1910	MATH 1710			Program requires MATH 1710 Must be completed with a C (2.0) or better	3
NATURAL SCIENCES (8 hours) Choose one of the following courses: CHEM 1010/11, CHEM 1110/11, PHYS 2010/11, or PHYS 2110/11. Choose one other from ASTR 1030 /31; BIOL1030/31,1110/11, 2010/11, or 2020/21; CHEM 1010/11,1110/11, GEOL1030/31, or 1040/41; PGeo 1030, PHYS 1110, 2010/11, or 2110/11; or PSCI 1030/31 or 1130/31				Program requires either: a course chosen from the CHEM or PHYS subject area; Must be completed with a C (2.0) or better	4
					4
SOCIAL / BEHAVIORAL SCIENCES (6 hours) Choose two different subjects: AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530 /1531, JOUR/EMC/RIM 1020, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100					3
					3
Hours Required					41

Major Courses - Grade of C (2.0) or better required in each major course	Course	Semester	Grade	Notes	Credit Hours
Introduction to Aerospace	AERO 1010				3
Theory of Flight	AERO 1020			Lab fee	3
Aviation Laws and Regulations	AERO 1230				3
Aviation Weather	AERO 2010				3
Airline Management	AERO 2100			Spring only	3
Freight Systems	AERO 2110			Fall only	3
Professional Pilot I	AERO 2230				3
Aerospace Materials	AERO 3020			Preq AERO 1010, 1020 & MATH 1530 or MATH 1810	3
Propulsion Fundamentals	AERO 3030			Preq AERO 1010, 1020	3
Airport Management	AERO 3110			Fall only	3
Aviation Contracts and Leases	AERO 3160			Preq AERO 2100 and AERO 3110; Spring only	3
Aviation Safety	AERO 3170			Preq AERO 1020	3
Transportation Systems	AERO 3180			Preq AERO 2110, Spring only	3
Crew Resource Management	AERO 3230				3

MAJOR REQUIREMENTS CONTINUED ON NEXT PAGE

Instrument Operations in the NAS	AERO 3510			Preq: AERO 2230	3
Airport Operations	AERO 4120			Preq AERO 3110; Spring only	3
Fixed Base Operations Management	AERO 4150			Fall only	3
Aerospace Senior Capstone Lab	AERO 4040			Preq AERO 1010, 1020 Pr/Creq: AERO 3020, 3030	1

Choose EITHER Airline or Airport Management Track Requirements (6 credit hours)

AIRLINE MANAGEMENT TRACK REQUIREMENTS - Grade of C (2.0) or better required in each course					
Seminar in Airline Administration	AERO 4140			Preq: AERO 3160; Fall only	3
MGMT 3810 Human Resources Management OR MGMT 4710 International Business OR Approved AERO Upper Division (3000/4000 level) Elective.				MGMT 3810 preq: 60+ credit hours MGMT 4710 preq: MGMT 3610, MKT 3820	3

AIRPORT MANAGEMENT TRACK REQUIREMENTS - Grade of C (2.0) or better required in each course					
Airport Capacity and Planning	AERO 4170			Preq: AERO 3110 & Sr. standing; Spring only	3
MGMT 3620 Supply Chain Operations OR MGMT 3890 Management Decision Making OR Approved AERO Upper Division (3000/4000 level) Elective.				MGMT 3620 preq: 60+ hours MGMT 3890 preq: MGMT 3610	3
TOTAL AVIATION MANAGEMENT MAJOR HOURS REQUIRED					58

SUPPORTING COURSE REQUIREMENT (3 credit hours)					
MATH 1530 OR MATH 1810	MATH			MATH 1810 preq: MATH 1710; Must be completed with a C (2.0) or better	3
MATH 1710	MATH 1710			Credits can count in general education; Must be completed with a C (2.0) or better	0-3
CHEM or PHYS				Credits can count in general education; Must be completed with a C (2.0) or better	0-4
TOTAL SUPPORTING COURSE REQUIREMENTS					3-7

Business Administration Minor (Minimum GPA of 2.0)

Minor Courses	Course	Semester	Grade	Notes	Credit Hours
ACTG 3000 or (ACTG 2110 and ACTG 2120)	ACTG			ACTG 3000: College level MATH; ENGL 1010	3
BLAW 3400 or BLAW 3430	BLAW			Preq: 60+ hours	3
FIN 3000 or FIN 3010	FIN			Preq: 60+ hours	3
INFS 2200 or INFS 3100	INFS			INFS 3100 Preq: 60+ hours	3
MGMT 3610	MGMT 3610			Preq: 60+ hours	3
MKT 3820	MKT 3820			Preq: 60+ hours	3
Hours Required					18

- 1. Degrees require a minimum of 120 semester hours completed with a cumulative and major GPA of 2.0 or higher. Minimum of 36 upper-division hours (3000/4000 level) and a minimum of 50 senior college hours (earned at four-year University) also required.**
- 2. A minimum of 12 credits must be earned at the 3000/4000 level in each major**

Signed:		
	Major Advisor	Date