

AVIATION COMPREHENSIVE, BACHELOR OF SCIENCE

Offered by Department of Industrial Technology (<http://catalog.unk.edu/undergraduate/departments-programs/industrial-technology/>)

All College of Business and Technology Graduation Requirements (<http://catalog.unk.edu/undergraduate/departments-programs/industrial-technology/>) must be fulfilled.

Code	Title	Credit Hours
General Studies		
Foundational Requirements (LOPERs 1-4)		12
Including:		
LOPER 4: Mathematics, Statistics and Quantitative Reasoning		
MATH 102	College Algebra ¹	
Broad Knowledge Requirements (LOPERs 5-8)		12
Including:		
LOPER 7: Social Science		
ECON 271	Principles of Economics, Microeconomics	
LOPER 8: Natural Science		
Dispositional Requirements (LOPERs 9-10) ²		6
Wellness (LOPER 11) Optional		0
BS Science-related course requirements		
MATH 123	Applied Calculus I	3
Program-Specific Requirements		
PHYS 205 General Physics I & 205L and Physics I Laboratory		5
Major Option		
Complete all required courses		54-62
Unrestricted electives		
Needed to reach 120 credit hour minimum		28-20
Total Credit Hours		120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

Major Option

Code	Title	Credit Hours
Aviation Comprehensive, Bachelor of Science - Business Core Requirements		
ITEC 130	Technology Today	3
ITEC 290	Communicating Through Technology	3
ITEC 408	Leadership in Business and Technology	3
BSAD 295	Business Communications	3
ECON 465	Economics of Transportation	3
Aviation Comprehensive, Bachelor of Science - Aviation Core Requirements		
ITEC 170	Private Pilot Theory	3
ITEC 391	Aviation Law	3
ITEC 392	Aviation Airport Management	3
ITEC 393	Aviation Safety	3

ITEC 394	Air Traffic Control	3
Aviation Management Comprehensive - Emphasis Area		
Select one of the following emphases.		24-32
<i>Aviation - Professional Pilot Emphasis (32 credit hours)</i>		
ITEC 118	Aviation History	
ITEC 171	Introduction to Flight	
ITEC 172	Professional Flight 1	
ITEC 291	Instrument Pilot Theory	
ITEC 292	Professional Flight 2	
ITEC 295	Aviation Meteorology	
ITEC 293	Professional Flight 3	
ITEC 365	Crew Resource Management	
ITEC 375	Commercial Pilot Theory	
ITEC 376	Professional Flight 4	
ITEC 377	Professional Flight 5	
ITEC 416	Advanced Aerodynamics/Aircraft Performance	
ITEC 417	Advanced Aircraft Systems	
ITEC 492	Aviation Human Factors	
<i>Aviation-Management Emphasis (24 credit hours)</i>		
ACCT 250	Principles of Accounting I	
ACCT 251	Principles of Accounting II	
FIN 308	Principles of Finance	
MGT 355	Organizational Behavior	
MGT 380	Human Resource Management	
MKT 300	Principles of Marketing	
MGT 233	Business Statistics	
	or STAT 241 Elementary Statistics	
ITEC 492	Aviation Human Factors	
Total Credit Hours		54-62

Note: All flight training for students admitted to the University of Nebraska at Kearney Aviation Systems Management Program will be conducted in accordance with the UNK Aviation Systems Management Program Student Handbook. This Handbook contains all policies and procedures governing flight training. The Handbook also specifies procedures which must be followed by students who are admitted to UNK with flight certificates and ratings not obtained from an approved college or university.

1

Students with sufficient preparation may enter the mathematics program at a higher level. Students are required to take a LOPERs 4: Mathematics, Statistical, and Quantitative Reasoning course regardless of entry level.

2

Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.