

AVIATION, BACHELOR OF SCIENCE

Bachelor of Science in Aviation, Air Transport Administration Concentration:

The curriculum includes the University of Nebraska at Omaha's (UNO) general education requirements, departmental requirements, a core of aviation classes and specialized courses in air transport administration. All students in a degree program in the aviation department must meet the university general education requirements. Additional information on these requirements can be found in this catalog and on the University General Education website (<https://www.unomaha.edu/general-education/>). Please contact an academic advisor for recommended choices for the major. Certain majors/programs in the Aviation Institute require specific foundational coursework that may also count for General Education requirements. For further information and details, contact an academic advisor.

Bachelor of Science in Aviation, Professional Flight Concentration:

The curriculum includes the UNO's general education requirements, departmental requirements, a core of aviation classes and specialized courses in professional flight. All students in a degree program in the aviation department must meet the university general education requirements. Additional information on these requirements can be found in this catalog and on the University General Education website (<https://www.unomaha.edu/general-education/>). Please contact an academic advisor for recommended choices for the major. Certain majors/programs in the Aviation Institute require specific foundational coursework that may also count for General Education requirements. For further information and details, contact an academic advisor.

Bachelor of Science in Aviation, Uncrewed Aircraft Systems Concentration:

The curriculum includes the UNO's general education requirements, departmental requirements, a core of aviation classes and specialized courses in unmanned aircraft systems. All students in a degree program in the aviation department must meet the university general education requirements. Additional information on these requirements can be found in this catalog and on the University General Education website (<https://www.unomaha.edu/general-education/>). Please contact an academic advisor for recommended choices for the major. Certain majors/programs in the Aviation Institute require specific foundational coursework that may also count for General Education requirements. For further information and details, contact an academic advisor.

Aviation, Bachelor of Science in Aviation Requirements

Code	Title	Credits
GENERAL EDUCATION REQUIREMENTS - 34 Hours Required		
Minimum of "C-" required		
Fundamental Skills		15
Writing – 6 hrs.		

ENGL 1150	ENGLISH COMPOSITION I
ENGL 1160	COLLEGE RESEARCH AND INFORMATION LITERACY
Oral Communication – 3 hrs.	
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS ARGUMENTATION AND DEBATE
Quantitative Literacy – 3 hrs.	
MATH 1120 or MATH 1130 or MATH 1140 or MATH 1300	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING QUANTITATIVE LITERACY QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS COLLEGE ALGEBRA WITH SUPPORT
Data Literacy – 3 hrs.	
Select one from the following:	
STAT 1100	DATA LITERACY AND VISUALIZATION
STAT 1530	ELEMENTARY STATISTICS
Until Fall 2028, students can satisfy this requirement with an approved data literacy course, or any approved natural or social science general education course.	
Breadth of Knowledge 13	
Social Science – 3 hrs.	
Humanities – 3 hrs.	
Natural & Physical Science (must complete a lab) – 4 hrs.	
Arts – 3 hrs.	
Individual and Social Responsibility 6	
Cultural Knowledge – 3 hrs.	
Civic Knowledge and Engagement – 3 hrs.	
MAJOR REQUIREMENTS - 49-50 Hours Required	
**Course will satisfy UNO's General Education requirement	
^Course requires pre-requisite(s)	
All of the following: 49-50	
MATH 1300 or MATH 1220 or MATH 1320	COLLEGE ALGEBRA WITH SUPPORT (**) COLLEGE ALGEBRA COLLEGE ALGEBRA
AVN 3060	WRITING IN AVIATION (** ^)
AVN 2510	DIVERSITY IN AVIATION (** ^)
AVN 3600	INTERNATIONAL AVIATION (^)
PHYS 1050	INTRODUCTION TO PHYSICS (** ^)
ECON 2200	PRINCIPLES OF ECONOMICS (MICRO) (** ^)
PA 3000	APPLIED STATISTICS AND DATA PROCESSING IN PUBLIC SECTOR (^)
PSCI 1100	INTRODUCTION TO AMERICAN NATIONAL GOVERNMENT (**)
AVN 1000	INTRODUCTION TO AVIATION AND AEROSPACE (** ^)
AVN 1020	PRIVATE PILOT THEORY
AVN 1040	HISTORY OF AVIATION AND AEROSPACE (**)
AVN 1160	AVIATION SAFETY (^)
AVN 2020	AIRLINE OPERATIONS (^)
AVN 2050	INTRODUCTION TO AIRPORT ADMINISTRATION (^)
AVN 2750	AVIATION METEOROLOGY (^)
AVN 3150	AVIATION LAW (^)
Select a concentration 27-43	
Air Transportation Administration	

Professional Flight

Uncrewed Aircraft Systems

ELECTIVES

Elective hours as required to reach a total of 120 hours

Aviation, Bachelor of Science Concentrations

- Air Transport Administration (<http://catalog.unomaha.edu/undergraduate/college-public-affairs-community-service/aviation-department/aviation-bs/air-transport-admin-conc/>)
- Professional Flight (<http://catalog.unomaha.edu/undergraduate/college-public-affairs-community-service/aviation-department/aviation-bs/professional-flight-conc/>)
- Uncrewed Aircraft Systems (<http://catalog.unomaha.edu/undergraduate/college-public-affairs-community-service/aviation-department/aviation-bs/unmanned-aircraft-sys-conc/>)