

# 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, Unmanned Aircraft Systems Operations 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
<b>GENERAL EDUCATION REQUIREMENTS - 46 Hours Required</b>		
Minimum of "C-" required		
<b>Fundamental Academic Skills</b>		<b>15</b>
ENGL 1150	ENGLISH COMPOSITION I	

ENGL 1160	ENGLISH COMPOSITION II
Writing in the Discipline Course	
CMST 1110	PUBLIC SPEAKING FUNDS
or CMST 2120	ARGUMENTATION AND DEBATE
MATH 1120	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING
or MATH 1100	DATA LITERACY AND VISUALIZATION
or MATH 1130	QUANTITATIVE LITERACY
or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT
or STAT 1100	DATA LITERACY AND VISUALIZATION
or STAT 1530	ELEMENTARY STATISTICS

### Distribution Requirements **31**

Natural Science - From two disciplines and at least one lab - 7 hrs
Social Science - From two disciplines - 9 hrs
Humanities and Fine Arts - From two disciplines- 9 hrs
Global Diversity- 3 hrs
US Diversity- 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	COLLEGE ALGEBRA WITH SUPPORT (**)
or MATH 1220	COLLEGE ALGEBRA
or MATH 1320	PRE-CALCULUS 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
Unmanned 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/>)
- Unmanned Aircraft Systems (<http://catalog.unomaha.edu/undergraduate/college-public-affairs-community-service/aviation-department/aviation-bs/unmanned-aircraft-sys-conc/>)