PROFESSIONAL FLIGHT CONCENTRATION

Aviation, Bachelor of Science - Professional Flight Concentration Requirements

Code	Title	Credits
GENERAL EDUCATION REQUIREMENTS - 46 Hours Required		
Minimum of "C-"required		
Fundamental Academic Skills		**15**
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 (^)	
Professional Flight Concentration		**43**
AVN 1024	PRIVATE PILOT FLIGHT LABORATORY (^)	
AVN 1030	PRIVATE PILOT FLIGHT CERTIFICATE (^)	
AVN 2170	INSTRUMENT FLIGHT THEORY (^)	
AVN 2104	INSTRUMENT RATING 1 (^)	
AVN 2114	INSTRUMENT RATING 2 (^)	
AVN 2180	COMMERCIAL PILOT THEORY (^)	
AVN 2124	COMMERCIAL PILOT CERTIFICATE 1 (^)	
AVN 2134	COMMERCIAL PILOT CERTIFICATE 2 (^)	
AVN 2144	COMMERCIAL PILOT CERTIFICATE 3 (^)	
AVN 3040	HUMAN FACTORS IN AVIATION SAFETY (^)	
AVN 3070	AIR TRAFFIC CONTROL	
AVN 3190	CERTIFIED FLIGHT INSTRUCTOR THEORY (^)	
AVN 3194	CERTIFIED FLIGHT INSTRUCTOR I (^)	
AVN 3400	MULTI-ENGINE CERTIFICATION (^)	
AVN 4010	AERODYNAMICS AND AIRCRAFT PERFORMANCE (^)	
AVN 4020	AIRCRAFT SYSTEMS (^)	
AVN 4060	ADVANCED AIR TRANSPORT FLIGHT OPERATIONS (^)	
AVN 4080	AIRPORT SAFETY AND SECURITY (^)	
ELECTIVES		
Elective hours as required to reach a total of 120 hours		

Aviation, Bachelor of Science - Professional Flight Concentration Four Year Plan

Freshman

Fall		Credits
ENGL 1150	ENGLISH COMPOSITION I	3
MATH 1220	COLLEGE ALGEBRA [1]	3
AVN 1000	INTRODUCTION TO AVIATION AND AEROSPACE	3
AVN 1020	PRIVATE PILOT THEORY	3
PSCI 1100	INTRODUCTION TO AMERICAN NATIONAL GOVERNMENT	3
AVN 1024	PRIVATE PILOT FLIGHT LABORATORY	1
	Credits	**16**

Spring		
ENGL 1160	ENGLISH COMPOSITION II	3
CMST 1110	PUBLIC SPEAKING FUNDS	3
AVN 1160	AVIATION SAFETY	3
AVN 1030	PRIVATE PILOT FLIGHT CERTIFICATE	2
AVN 2750	AVIATION METEOROLOGY	3
	Credits	**14**

Sophomore

Fall		
AVN 2050	INTRODUCTION TO AIRPORT ADMINISTRATION	3

AVN 2170	INSTRUMENT FLIGHT THEORY	3
AVN 2104	INSTRUMENT RATING 1	2
PHYS 1050	INTRODUCTION TO PHYSICS	4
PHYS 1054	INTRODUCTION TO PHYSICS LABORATORY	1
Humanities and Fine Arts		3
	Credits	**16**
Spring		
AVN 1040	HISTORY OF AVIATION AND AEROSPACE	3
AVN 2020	AIRLINE OPERATIONS	3
AVN 2114	INSTRUMENT RATING 2	1
ECON 2200	PRINCIPLES OF ECONOMICS (MICRO)	3
Natural/Physical Science		3
Humanities and Fine Arts		3
	Credits	**16**
Junior		
Fall		
AVN 2124	COMMERCIAL PILOT CERTIFICATE 1	2
AVN 2180	COMMERCIAL PILOT THEORY	3
AVN 2510	DIVERSITY IN AVIATION	3
AVN 3150	AVIATION LAW	3
PA 3000	APPLIED STATISTICS AND DATA PROCESSING IN PUBLIC SECTOR	3
	Credits	**14**
Spring		
AVN 2134	COMMERCIAL PILOT CERTIFICATE 2	2
AVN 2144	COMMERCIAL PILOT CERTIFICATE 3	2
AVN 3040	HUMAN FACTORS IN AVIATION SAFETY	3
AVN 3060	WRITING IN AVIATION	3
AVN 3070	AIR TRAFFIC CONTROL	3
Open Elective [2]		3
	Credits	**16**
Senior		
Fall		
AVN 3400	MULTI-ENGINE CERTIFICATION	2
AVN 4010	AERODYNAMICS AND AIRCRAFT PERFORMANCE	3
AVN 4020	AIRCRAFT SYSTEMS	3
Humanities and Fine Arts		3
Open Elective		3
	Credits	**14**
Spring		
AVN 3190	CERTIFIED FLIGHT INSTRUCTOR THEORY	3
AVN 3194	CERTIFIED FLIGHT INSTRUCTOR I	2
AVN 3600	INTERNATIONAL AVIATION	3
AVN 4080	AIRPORT SAFETY AND SECURITY	3
AVN 4060	ADVANCED AIR TRANSPORT FLIGHT OPERATIONS	3
	Credits	**14**
	Total Credits	**120**

[2] Aviation Electives are classes a student chooses within the aviation department based on their specified interests. Each Administration student must complete 6 credit hours.

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

This plan is not a contract and curriculum is subject to change

Additional Information About this Plan:
University Degree Requirements: The minimum number of hours for a UNO undergraduate degree is 120 credit hours. Please review the requirements for your specific program to determine all requirements for the program. In order to graduate on-time (four years for an undergraduate degree), you need to take 30 hours each year.

Placement Exams: For Math, English, Foreign Language, a placement exam may be required. More information on these exams can be found at https://www.unomaha.edu/enrollment-management/testing-center/placement-exams/information.php

**Transfer credit or placement exam scores may change suggested plan of study

[1] Student could potentially test out of Math 1220 or based off testing need a lower level math course.
* Students typically fly in summer months, labs could run in summer.
** It is highly recommended that a student consider a Minor to fill open Electives