

Aviation Science, A.A.S.

The Applied Associates of Science in Professional Pilot prepares students to enter the workforce as a commercial pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.

Matriculation Requirements

Students seeking admission to the program will be required to meet the following admissions requirements:

1. Hold a second class FAA medical certificate from an Aviation Medical Examiner.
2. An overall GPA of at least 2.5

Due to limited availability of flight training resources, flight student admission into the on-campus AVSC 1100 Ground I - Private and AVSC 1110 Flight I - Private course, when necessary, may require selection through a competitive application process.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		63
General Education Requirements		18 Credits
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC Literacies and Composition Across Contexts CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3)	
Social/Behavioral Science		3
Complete three courses with no more than one from any of the following GE distributions:		9
American Institutions ¹		
Physical Science		
Additional Physical Science or Biology ²		
Humanities Distribution		
Fine Arts Distribution		
Discipline Core Requirements		45 Credits
AVSC 1010	Survey of Aviation Science	3
AVSC 1100	Ground I - Private	3
AVSC 1110	Flight I - Private	3
AVSC 1240	Ground II - Instrument	3
AVSC 1250	Flight II - Instrument II	3
AVSC 2070	Communications for Aviation Professionals WE	3
AVSC 2110	Aviation Weather	3
AVSC 2130	Aviation Safety	3
AVSC 2150	Air Transportation Management	3
AVSC 2300	Ground IV - Commercial	3
AVSC 2310	Flight IV - Commercial	3
Elective Credits		12

1 If student chooses HIST 2700 US History to 1877 AS and HIST 2710 US History since 1877 AS, the additional hours may be used towards a social science distribution requirement.

2 METO 1010 Introduction to Meteorology PP recommended

Graduation Requirements

1. Completion of a minimum of 63 or more semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of Commercial Pilot Certificate.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
AVSC 1010	Survey of Aviation Science	3
ENGL 1010	Introduction to Academic Writing CC	3
MAT 1030 or MAT 1035 Recommended		3
Social/Behavioral Science		3
GE Distribution		3
Credit Hours		15
Semester 2		
AVSC 1100	Ground I - Private	3
AVSC 1110	Flight I - Private	3
AVSC 2110	Aviation Weather	3
GE Distribution		3
GE Distribution		3
Credit Hours		15
Second Year		
Semester 3		
AVSC 1240	Ground II - Instrument	3
AVSC 1250	Flight II - Instrument II	3
AVSC 2070	Communications for Aviation Professionals WE	3
AVSC 2130	Aviation Safety	3
AVSC 2150	Air Transportation Management	3
Credit Hours		15
Semester 4		
AVSC 2300	Ground IV - Commercial	3
AVSC 2310	Flight IV - Commercial	3
Elective Credits		12
Credit Hours		18
Total Credit Hours		63

Program Learning Outcomes

1. Demonstrate knowledge of FAA written exam material with score of 80% or above.
2. Students will satisfactory demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
3. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.
4. Students will self-critique ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions.
5. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.