

Professional Pilot, B.S.

The Bachelor of Science in Professional Pilot prepares students to enter the work force as a certified flight instructor and commercial, multi-engine rated 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 with a regional airline. 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 admission requirements:

1. Hold a second class FAA medical certificate from an FAA designated Medical.
2. An overall GPA of at least 2.5.
3. Due to limited availability of flight training resources, flight student admission into the on-campus AVSC 1110 Flight I - Private Pilot course, when necessary, may require selection through a competitive point based application.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		120
General Education Requirements		35 Credits
ENGL 1010 or ENGL 1005	Introduction to Academic Writing CC Literacies and Composition Across Contexts CC	3
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (undefined)	
MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:		3
HIST 2700 & HIST 2710	US History to 1877 AS and US History since 1877 AS (6) ¹	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage AS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science ²		3
Humanities Distribution ³		3
Fine Arts Distribution		3
Social/Behavioral Science ⁴		3
Discipline Core Requirements		85 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
AVSC 2450	Flight III - Multi Engine	1
AVSC 2440	Ground III - Multi Engine	1
AVSC 3090	Airline and Dispatch Operations	3
AVSC 3030	Air Traffic Control I	3
AVSC 3200	Flight Physiology	3
AVSC 3300	Jet Transport Systems	3
AVSC 3400	International Flight Operations	3
AVSC 3530	Flight Aerodynamics	3
AVSC 3600	Multi-piloted Operations	3
AVSC 410G	Global Ethical and Professional Issues in Aviation GI	3
AVSC 4700	Aviation Professional Seminars	3
AVSC 4710	Aviation Career Preparation	1
AVSC 4160	Aviation Law WE	3
AVSC 4800	Professional Pilot Capstone	3
Elective Courses		
Upper division elective credits		8
1000+ Electives		8

Graduation Requirements

1. Completion of a minimum of 120 or more semester credits, with a minimum of 40 upper division semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of Commercial Pilot Certificate.
5. Students in the Professional Pilot degree should obtain an FAA Class I or II Medical Certificate prior to beginning flight training.
6. Students may count no more than 8 credit hours of total cooperative work experience (AVSC 281R Cooperative Work Experience/AVSC 285R Cooperative Correlated Class/AVSC 481R Cooperative Work Experience/AVSC 485R Cooperative Related Class toward the degree requirements without department approval.
7. Successful completion of at least one Global/Intercultural course.
8. Successful completion of at least two Writing Enriched (WE) courses.

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
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
STAT 1040	Introduction to Statistics QL	
STAT 1045	Introduction to Statistics with Algebra QL	
MATH 1050	College Algebra QL	
MATH 1055	College Algebra with Preliminaries QL	
MATH 1090	College Algebra for Business QL	

American Institutions		3
Humanities Distribution		3
AVSC 1010	Survey of Aviation Science	3
Credit Hours		15
Semester 2		
ENGL 2010	Intermediate Academic Writing CC	3
Biology Distribution		3
Physical Science Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science Distribution		3
Credit Hours		15
Second Year		
Semester 3		
Third Science Distribution		3
AVSC 1100	Ground I - Private	3
AVSC 1110	Flight I - Private	3
AVSC 2070	Communications for Aviation Professionals WE	3
AVSC 2110	Aviation Weather	3
Credit Hours		15
Semester 4		
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE or Fitness for Life TE	2
AVSC 1240	Ground II - Instrument	3
AVSC 1250	Flight II - Instrument II	3
AVSC 2130	Aviation Safety	3
AVSC 2150	Air Transportation Management	3
Credit Hours		14
Third Year		
Semester 5		
PHIL 2050 or PHIL 205G	Ethics and Values IH or Ethics and Values IH GI	3
AVSC 2300	Ground IV - Commercial	3
AVSC 2310	Flight IV - Commercial	3
AVSC 3030	Air Traffic Control I	3
AVSC 3090	Airline and Dispatch Operations	3
Credit Hours		15
Semester 6		
AVSC 2440	Ground III - Multi Engine	1
AVSC 2450	Flight III - Multi Engine	1
AVSC 3200	Flight Physiology	3
AVSC 3400	International Flight Operations	3
AVSC 3530	Flight Aerodynamics	3
UD Elective		3
Credit Hours		14
Fourth Year		
Semester 7		
AVSC 3300	Jet Transport Systems	3
AVSC 3600	Multi-piloted Operations	3
AVSC 410G	Global Ethical and Professional Issues in Aviation GI	3
LD Elective		4
LD Elective		1
Credit Hours		14
Semester 8		
AVSC 4160	Aviation Law WE	3
AVSC 4700	Aviation Professional Seminars	3
AVSC 4710	Aviation Career Preparation	1
AVSC 4800	Professional Pilot Capstone	3
UD Elective		2
UD Elective		3

LD Elective

3

Credit Hours**18**

Total Credit Hours**120**

Program Learning Outcomes

1. Students will satisfactorily demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
2. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.
3. Students will self-critique their ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions.
4. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.
5. Students will demonstrate self-directed learning to complete a professional industry certification, training course or an approved internship program.