

Aviation Science, A.S.

The A.S. degree is designed to prepare the student with all the ratings necessary to be qualified for entry-level jobs in the aviation field. Obtaining an associate degree helps the graduate prepare for a diversity of job-related responsibilities and prepares students to enter directly into the B.S. degree.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		62
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)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (undefined)	
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 ²		3
Additional Biology or Physical Science ³		3
Humanities Distribution ⁴		3
Fine Arts Distribution		3
Social/Behavioral Science ⁵		3
Discipline Core Requirements		27 Credits
AVSC 1010 or AVSC 1050	Survey of Aviation Science Introduction to Aviation Management	3
AVSC 1100	Ground I - Private	3
AVSC 2070 or MKTG 220G	Communications for Aviation Professionals WE Written Business Communication GI WE	3
AVSC 2110	Aviation Weather	3
AVSC 2130	Aviation Safety	3
AVSC 2150	Air Transportation Management	3
Elective Courses		
Elective credits		9

Graduation Requirements

1. Completion of a minimum of 62 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 GE and specified departmental requirements.

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	
Humanities		3
Social Science		3
AVSC 1010 or AVSC 1050	Survey of Aviation Science or Introduction to Aviation Management	3
Credit Hours		15
Semester 2		
ENGL 2010	Intermediate Academic Writing CC	3
Biology		3
Fine Arts		3
Physical Science		3
American Institutions		3
Credit Hours		15
Second Year		
Semester 3		
Biology/ Physical Science		3
AVSC 2070 or MKTG 220G	Communications for Aviation Professionals WE or Written Business Communication GI WE	3
AVSC 2150	Air Transportation Management	3
AVSC 1100	Ground I - Private	3
General Elective		3
Credit Hours		15
Semester 4		
AVSC 2130	Aviation Safety	3
AVSC 2110	Aviation Weather	3
PHIL 2050	Ethics and Values IH	3
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE or Fitness for Life TE	2
General Elective		6
Credit Hours		17
Total Credit Hours		62

Program Learning Outcome

1. Demonstrate knowledge of FAA written exam material with score of 80% or above
2. Demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
3. Manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.

4. 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. Produce professional quality reports and effectively present the information to an audience using appropriate technology.