

What is Aviation Science?

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If all you need to fly a plane is a pilot's license, why pursue a degree in aviation science? Though the Commercial Pilot License (CPL) is all that the Federal Aviation Administration requires for the operation of any aircraft, a specialized degree in this field will provide you with a broader and more thorough understanding of aeronautics than you will learn in [flight school](#). As a result, you can qualify for a range of rewarding and exciting positions in this dynamic industry.??

Apart from piloting aircraft, the study of aviation science encompasses air traffic control, maintenance of aircrafts and related facilities, flight operations, dispatch operations and communications. Professionally trained pilots often enroll in aviation science degree programs to refresh or deepen their understanding of aeronautics. During a degree program in aviation, you can develop a set of diverse interests that will support your quest for a fulfilling career.

Aviation Associates of Science Degree

This [degree](#) offers graduates the following:

- Complete flight training courses through Flight Instructor Ratings
- Complete Flight Instructor Internship
- Complete General Education Requirements
- Complete additional flight modules as required to achieve 68 credit hours
- Transfer credit may be granted for General Education Requirements and Flight Licenses obtained

?Jobs with Aviation Degree

From an employer's point of view, a degree from a certified aviation science program shows a high level of commitment to the field. Most commercial airlines prefer applicants with college degrees. If you are already a licensed pilot, flight time and certificates can be counted towards your degree, saving both time and money.

Types of Jobs

Aviation/Aerospace Manufacturing, including military, commercial (airlines and general aviation) and space

Airlines, including major, national, regional and all cargo

General Aviation: including fixed base operators/aviation service companies, charter operations, fractional ownership companies, corporate flight departments, aircraft maintenance providers and many others.

Government (federal, state and local): Air Traffic Control, TSA/security, and most larger airports.

Military Aviation: USAF, Navy, Marines, Army and Coast Guard all have an aviation contingent.

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