

Major Course Requirements

A minimum of 64 hours (35 upper-division hours)

► **Required Core Courses (42 hours):**

AVIA 120	Flight Operations	2
AVIA 123	Aviation Law & Regulations I	3
or AVIA 223	Aviation Law & Regulations II	3
AVIA 124	ATC/Airspace I	2
or AVIA 224	ATC/Airspace II	2
AVIA 173	Meteorology	4
AVIA 276	Instrument Rating I	5
AVIA 277	Instrument Rating II	5
AVIA 278	Instrument Rating III	5
AVIA 279	Aerodynamic & Performance I	3
or AVIA 379	Aerodynamic & Performance II	3
AVIA 305	Aircraft Systems I	3
or AVIA 405	Aircraft Systems II	3
AVIA 376	Commercial Pilot I	8
AVIA 377	Commercial Pilot II	8
AVIA 378	Commercial Pilot III	8
AVIA 396	Aviation Colloquium	2-3
AVIA 470	Fundamentals of Instruction	1
AVIA 477	Human Factors & Aviation Safety I	4
or AVIA 479	Human Factors & Aviation Safety II	4

Student Learning Outcomes

- Students can:**
- Have the aeronautical knowledge, flight proficiency and experience needed to successfully complete the FAA Instrument Rating and Commercial Pilot certificates.
 - Exemplify the comportment of a professional aviator.
 - Utilize critical thinking skills and apply these skills to aeronautical decision making (ADM).
 - Demonstrate excellent technical flying ability.
 - Competently communicate across the spectrum of the aviation field.

Occupational Information

What can I do with this major?
 Graduates of this program may work as pilots flying for humanitarian organizations, aerial photography, sky diving, crop dusting, sight seeing tours, flying cargo, charter, and the airlines. Most of these pilot jobs are based on the amount of flight hours the pilot has accumulated.

Public Sector vs. Denominational
 While most jobs are in the public sector, there are opportunities for mission aviation through denominational or independent support ministry organizations.

Job Outlook
 The need for pilots is expected to increase in the coming years as more and more pilots reach retirement age. However, in the short term, employment opportunities for pilots are sensitive to changes in the economy.

General Education Requirements

To view general education requirements for this major, please refer to page A-07, Summary of General Education Requirements: A.S. Degree.

How to Construct Your Own Program

1. Apply to the Aviation Program.
2. Consult with your academic advisor.
3. Schedule major courses and cognates first.
4. Fill the rest of your schedule with G.E. requirements.
5. For the freshman, year include English, Religion, and PE courses. Also include Basic Algebra I+II unless waived by previous work.

What the Degree Includes

A total of 90 quarter hours including:

1. General Education requirements.
2. Major requirements.
3. Minimum 2.0 GPA, overall and major.

For More Information

Aviation Program
Pacific Union College
One Angwin Avenue
Angwin, CA 94508
(707) 965-6219

Email: flightcenter@puc.edu

Website: puc.edu/aviation

Sample Two-Year Program

This sample curriculum is designed to show you how a program may be constructed and to help you select a proper sequence of courses in the major. It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies. It is highly recommended that students trying to complete the course work in two years plan on flying over the summer to take advantage of prime weather.

First Year	F	W	S
Flight Operations	2	-	-
Meteorology (even)*	4	-	-
Instrument Rating I	5	-	-
Instrument Rating II	-	5	-
Instrument Rating III	-	-	5
Aviation Law I or II	-	3	-
ATC/Airspace I or II	-	2	-
Colloquium	0.5	0.5	0.5
College English I	4	-	-
Religion Courses	3	-	3
Exercise Science Activity Course	-	1	-
General Education/Electives	-	7	10
	18.5	18.5	18.5

Second Year	F	W	S
Aircraft Systems I or II	-	-	3
Commercial Pilot I	8	-	-
Commercial Pilot II	-	8	-
Commercial Pilot III	-	-	8
Fundamentals of Instruction (odd)*	1	-	-
Aerodynamics I or II	-	-	3
Human Factors I or II	-	4	-
Colloquium	0.5	0.5	0.5
Assessment Seminar	-	-	0.1
General Education/Electives	9	4	2
	18.5	16.5	16.6

* Courses marked (even) or (odd) are taught in alternate years only. 2025-2026 is even, 2026-2027 is odd. While both Meteorology and Fundamentals of Instruction are both required for the AS in Aviation, the start year will dictate which course to take first.