



AEROSPACE ADMINISTRATION AND OPERATIONS: PROFESSIONAL PILOT, BS

The following plan is for students matriculating in or before the academic year **2024-2025**

This plan may be adjusted based on individual needs. For official degree requirements visit <https://registrar.okstate.edu/Degree-Requirements>.

Minimum Overall GPA: 2.50

Total Hours: 121

YEAR 1 FALL (13 hours)

ENGL 1113 Composition I or ENGL 1313 Critical Analysis and Writing I
AVED 1114 Theory of Flight (Fall Only)
HIST 1103 Survey of American History or HIST 1483 American History to 1865 (H) or HIST 1493 American History Since 1865 (DH)
UNIV 1111 First Year Seminar
AVED 1222 Private Flight Laboratory I or AVED 1210 Private Flight Laboratory 1A (2 credits total)

SPRING (15 hours)

ENGL 1213 Composition II or ENGL1413 Critical Analysis and Writing II or ENGL 3323 Technical Writing
AVED 1403 Advanced Theory of Flight
POLS 1113 American Government
MATH 1513 College Algebra (A)
AVED 1232 Private Flight Laboratory II or AVED 1230 Private Flight Laboratory 2A (2 credits total)
EDHS 1111 First Year Seminar Supplement

YEAR 2 FALL (16 hours)

AVED 3113 History of Aviation
AVED 2213 Theory of Instrument Flight
PHYS 1114 General Physics I (LN) [MATH 1513 with a "C" or better]
Course designated (H), (DH), or (HI)- 3 hours
AVED 2133 Instrument Flight Laboratory or AVED 2130 Instrument Flight Laboratory 1A (3 credits total) [AVED 1222 and AVED 1232]

SPRING (17 hours)

AVED 2313 Theory of Commercial Flight
AVED 3453 Aviation/Aerospace Security Issues
GEOG 3033 Meteorology (N)
Course designated (A), (H), (N) or (S)- 3 hours
Electives - 3 hours of electives [choose (D) or (I) course if (D) or (I) requirement not already satisfied] [LEIS courses do not count]
AVED 2122 Intermediate Flight Lab or AVED 2120 Intermediate Flight Laboratory 1A (2 credits total) [AVED 2133]

YEAR 3 FALL (15 hours)

AVED 3231 Theory of Multi-Engine Flight
AVED 3243 Human Factors in Aviation
AVED 3443 Aviation Legal and Regulatory Issues
AVED 4303 Aviation Weather (Fall Only)
Course designated (H), (DH), or (HI)- 3 hours
AVED 2142 Commercial Maneuvers Flight Lab or AVED 2140 Commercial Maneuvers Flight Laboratory 1A (2 credits total) [AVED 2122]

YEAR 3 (Continued)		SPRING (13 hours)
	AVED 3533 Aircraft Turbine Engine Operations (Spring Only)	
	AVED 4133 Principles of Flight Instruction	
	Course designated (A), (H), (N) or (S) - 3 hours	
	Course designated (S), (DS), or (IS) - 3 hours	
	AVED 3341 Multi-Engine Flight Laboratory [AVED 2142]	

YEAR 4		FALL (17 hours)
	AVED 4113 Aviation Safety	
	AVED 4653 International Aerospace Issues (I)	
	AVED 4993 Aviation Labor Relations	
	Course designated (A), (H), (N) or (S) - 3 hours	
	AVED 3333 Advanced Aircraft Systems (Fall Only)	
	AVED 4232 Flight Instructor: Airplane Flight Laboratory or AVED 4230 Flight Instructor Flight Laboratory 1A (2 credits total) [AVED 3341]	

		SPRING (15 hours)
	AVED 3433 Aviation/Aerospace Ethics	
	AVED 4703 Crew Resource Management [AVED 2133 & AVED 2142]	
	AVED 3663 Aerospace and Air Carrier Industry	
	AVED 4353 Cockpit Automation [AVED 2133]	
	Electives- 3 hours of electives [LEIS courses do not count]	

*[Prerequisite courses are listed in brackets]

Course Attribute Guide: **(A)** Analytical and Quantitative Thought; **(H)** Humanities; **(S)** Social and Behavioral Sciences; **(N)** Natural Sciences; **(L)** Scientific Investigation – Laboratory Science; **(D)** Diversity; **(I)** International Dimension

Must complete one course designated with **(I)** International Dimension.

Must complete one course designated with **(D)** Diversity Dimension. Students are encouraged to take a course designated **(DH)** or **(DS)**.

Other Requirements:

- 40 hours of upper-division coursework.
- A 2.50 GPA is required in the Major Requirements with no grade below a “C”.
- Selection into OSU’s professional pilot option through the competitive secondary application process is required.

Additional State/OSU Requirements:

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2030.

This plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation. The plan above is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.