

# PROFESSIONAL AVIATION (B.S.)

\*Effective Spring 2024, the Bachelor of Science Professional Aviation degree is available to undergraduate/post-baccalaureate students who enter the University beginning Spring 2024, or have officially advanced their catalog of record to 2023-2025.

## Recommended

- A Global Learning (GL) experience (<http://catalog.walsh.edu/undergraduate/academic-services/#globallearning>)

## Required

- General Education Requirements (<http://catalog.walsh.edu/undergraduate/general-education-curriculum/>)

Code	Title	Hours
<b>Area 1: American Winds-Aviation Academic Courses (27 Credit Hours)</b>		
AV 350	Advanced Aerodynamics	3
AV 351	Advanced Aircraft Systems	3
AV 352	Adv. Aircraft Familiarization	3
AV 353	Aviation Weather	3
AV 354	Crew Resource Management	3
AV 355	Federal Aviation Regulations	3
AV 455	Jet Engines	3
AV 456	Commercial Piloting	3
AV 450	Fundamentals of Instruction (Optional)	3
<b>Area 2: Choose One Area of Focus, A or B (15 Credit Hours)</b>		<b>15</b>
A: Business (Focus on Management/Marketing)		
BUS 233	Principles of Marketing	
BUS 234	TH1:CIT: Principles of Mgmt	
BUS 361	Project Management	
BUS 430	Digital Marketing	
PSYC 240	Industrial/Organizatio Psyc	
B: Business (Focus on Accounting/Analytics)		
BUS 207	Financial Accounting	
BUS 208	Managerial Accounting	
BUS 232	FD: Business Statistics	
BUS 364	Business Research & Analytics	
PSYC 240	Industrial/Organizatio Psyc	
<b>Area 3: Humanities for Professionals- *Required Courses for ATP Restricted License (37 Credit Hours)</b>		<b>37</b>
BUS 106	Introduction to Excel	
CHEM 398	Premier Skills/Professionalism	
COM 211	Speech	
COM 212	Interpersonal Communication	
ENG 101	College Writing I	
ENG 240	Professional Writing I	
GFA 245	TH1:TheLaw&theLegalSystem	
HIST 304	TH2: History of Aviation	
MATH 104	Algebra II	
	or MATH 12 Intro to Stats and Analytics	

NS 104	T1:FD:Physical Science	
PSYC 120	T1:FD: Principles of Psych or SOC 101 T1:FD:Principles of Sociology	
THEO 101	T1:FD:The Judeo-ChristianTrad or THEO 10FD:TheCatholicIntellectualTrad	
Any of the following courses at the 200+ level: HIST/GFA/PHIL/THEO/ARHI/ART/MUS/ENG		
<b>Area 4: American Winds-FAA Certification Courses</b>		<b>22</b>
AV 100	Private Pilot Ground	
AV 100L	Private Pilot Flight (Lab)	
AV 200	Instrument Rating Ground	
AV 200L	Instrument Rating Flight (Lab)	
AV 300	Commercial Pilot Ground	
AV 3001L	Commercial Pilot Flight 1	
AV 3002L	Commercial Pilot Flight 2	
AV 3003L	Commercial Pilot Flight 3	
Elective Ground: AV 310/AV 400/AV 410/AV 420		
Elective Flight: AV 310L/AV 400L/AV 410L/AV 420L		
<b>Elective Ground/Flight Options-Choose 1 Option Below</b>		<b>5</b>
Option 1		
AV 310	Comm Pilot Add Class Ground	
AV 310L	Comm. Pilot Add. Class Flight	
Option 2		
AV 400	Cert. Flight Instructor Ground	
AV 400L	Cert. Flight Instructor Flight	
Option 3		
AV 410	Cert.Flight Instrument Instruc	
AV 410L	Cert.Flight Instrument Flight	
Option 4		
AV 420	Cert. Multi Engine Instructor	
AV 420L	Cert.Multi Engine Flight	
<b>Total Hours</b>		<b>106</b>

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<b>General Education Requirements</b>		<b>3</b>
THEO 101	T1:FD:The Judeo-ChristianTrad or THEO 10FD:TheCatholicIntellectualTrad	
<b>Area 1: Aviation (Associate Degree of Applied Science in Aeronautics (PPP))</b>		<b>60</b>
Transfer credits from American Winds		
<b>Area 2: Choose One Area of Focus (A or B)</b>		<b>15</b>
A: Business (focus on Management/Marketing)		
BUS 233	Principles of Marketing	
BUS 234	TH1:CIT: Principles of Mgmt	
BUS 361	Project Management	
BUS 430	Digital Marketing	
PSYC 240	Industrial/Organizatio Psyc	
B:Business (focus on Accounting/Analytics)		
BUS 207	Financial Accounting	

BUS 208	Managerial Accounting	
BUS 232	FD: Business Statistics	
BUS 364	Business Research & Analytics	
PSYC 240	Industrial/Organizatio Psyc	
<b>Area 3: Humanities for Professionals</b>		<b>15</b>
CHEM 398	Premier Skills/Professionalism	
COM 211	Speech	
	or COM 211: Interpersonal Communication	
GFA 245	TH1: The Law & the Legal System	
HIST 304	TH2: History of Aviation	
Any course at the 200+ level with one of the following prefixes: HIST, GFA, PHIL, THEO, ARHI, ART, MUS, ENG (3 credits)		
<b>Area 4: Electives</b>		<b>15</b>