

BACHELOR OF SCIENCE IN AVIATION SCIENCE

Web Site: <https://twu.edu/aviation/>

Recommended Plan of Study

First Year

Fall		TCCN	SCHs
AVS 1012	Private Pilot Ground I		2
AVS 1112	Private Pilot Flight Lab I		2
AVS 1213	Aircraft Systems I		3
ENG 1013	Composition I	ENGL 1301	3
MATH 1303 or 1703	College Algebra or Elementary Statistics I	MATH 1314 or MATH 1342	3
UNIV 1231	Learning Frameworks: First-Year Seminar	EDUC 1100, EDUC 1200, EDUC 1300	1

SCHs 14

Spring		TCCN	
AVS 1021	Private Pilot Ground II		1
AVS 1121	Private Pilot Flight Lab II		1
AVS 1223	Aerodynamics and Aircraft Performance		3
AVS 1233	Aviation Weather and Meteorology		3
ENG 1023	Composition II	ENGL 1302	3
Life & Physical Sciences Core			3
CAO: Wellness or Mathematics Core			2

SCHs 16

Second Year

Fall		TCCN	
AVS 1133	Instrument Flight Lab		3
AVS 2033	Instrument Ground		3
AVS 2213	Air Traffic Control and the National Airspace System		3
Language, Philosophy, & Culture Core			3
PHYS 1133 & PHYS 1131	Principles of Physics I and Principles of Physics Laboratory I	PHYS 1301 & PHYS 1101	4

SCHs 16

Spring		TCCN	
AVS 2044	Commercial Ground		4
AVS 2112	Commercial Flight Lab I		2
AVS 2223	Aviation Safety		3
AVS 2233	Aviation Law and Regulations		3
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
Creative Arts Core			3

SCHs 18

Total SCHs: 64

Professional Pilot Option

Third Year

Fall		TCCN	SCHs
AVS 2123	Commercial Flight Lab II		3
AVS 3213	Aircraft Systems II		3
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
POLS 2013	U.S. National Government	GOVT 2305	3
Electives (must be 3000 or 4000-level)			3

SCHs 15

Spring

		TCCN	
AVS 2131	Multi-Engine Flight Lab		1
AVS 3013	Certified Flight Instructor Ground		3
AVS 3223	Human Factors		3
ENG 3253	Technical Writing		3
POLS 2023	Texas Government	GOVT 2306	3
Social & Behavioral Sciences Core			3

SCHs 16

Fourth Year

Fall		TCCN	
AVS 3112	Certified Flight Instructor Flight Lab		2
AVS 3233	Advanced Power Plant and Turbine Engine Systems		3
CAO: Women's Studies Core			3
Electives (must be 3000 or 4000-level)			3
Global Perspectives Requirement (must be 3000 or 4000-level)			3

SCHs 14

Spring

		TCCN	
AVS 3022	Certified Flight Instructor-Instrument Ground		2
AVS 3121	Certified Flight Instructor-Instrument Flight Lab		1
AVS 3243	Advanced Autoflight and Flight Management Systems		3
Electives (must be 3000 or 4000-level)			5

SCHs 11

Total SCHs: 56

Aviation Management Option

Third Year

Fall		TCCN	SCHs
AVS 2123	Commercial Flight Lab II		3
AVS 3213	Aircraft Systems II		3
AVS 3313	Flight Operations Management		3
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
POLS 2013	U.S. National Government	GOVT 2305	3

SCHs 15

Spring

		TCCN	
AVS 2131	Multi-Engine Flight Lab		1
AVS 3223	Human Factors		3

AVS 3323	Global Navigation and Flight Planning		3
ENG 3253	Technical Writing		3
POLS 2023	Texas Government	GOVT 2306	3
Social & Behavioral Sciences Core			3
SCHs			16
Fourth Year			
Fall		TCCN	
AVS 3233	Advanced Power Plant and Turbine Engine Systems		3
MGT 3003	Principles of Management		3
CAO: Women's Studies Core			3
Electives (must be 3000 or 4000-level)			3
Global Perspectives Requirement (must be 3000 or 4000-level)			3
SCHs			15
Spring		TCCN	
AVS 3243	Advanced Autoflight and Flight Management Systems		3
MGT 3273	Human Resource Management		3
Electives (must be 3000 or 4000-level)			4
SCHs			10
Total SCHs:			56