

# BACHELOR OF SCIENCE IN AVIATION SCIENCE

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

## Recommended Plan of Study

### First Year

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

**SCHs 14**

Spring		TCCN	SCHs
ENG 1023	Composition II	ENGL 1302	3
PHYS 1133 & PHYS 1131	Principles of Physics I and Principles of Physics Laboratory I	PHYS 1301 & PHYS 1101	4
Wellness CAO Core			2
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

**SCHs 17**

### Second Year

Fall		TCCN	SCHs
Language, Philosophy, & Culture Core			3
Physical or Life Science Core			3
AVS 2033	Instrument Ground		3
AVS 1133	Instrument Flight Lab		3
AVS 2213	Air Traffic Control and the National Airspace System		3

**SCHs 15**

Spring		TCCN	SCHs
Creative Arts Core			3
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
AVS 2043	Commercial Ground		3
AVS 2112	Commercial Flight Lab I		2
AVS 2223	Aviation Safety		3
AVS 2233	Aviation Law and Regulations		3

**SCHs 17**

**Total SCHs: 63**

## Professional Pilot Option

Third Year		TCCN	SCHs
Fall			
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 (12 SCH must be 3000 or 4000-level)			3

**SCHs 15**

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

**SCHs 16**

### Fourth Year

Fall		TCCN	SCHs
AVS 3233	Advanced Power Plant and Turbine Engine Systems		3
AVS 4013	Aviation, Space, American Society		3
AVS 3112	Certified Flight Instructor Flight Lab		2
Multicultural Women's Studies Core			3
Electives (12 SCH must be 3000 or 4000-level)			3

**SCHs 14**

Spring		TCCN	SCHs
AVS 3243	Advanced Autoflight and Flight Management Systems		3
AVS 3121	Certified Flight Instructor-Instrument Flight Lab		1
Electives (12 SCH must be 3000 or 4000-level)			8

**SCHs 12**

**Total SCHs: 57**

## Aviation Management Option

Third Year		TCCN	SCHs
Fall			
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	SCHs
AVS 3223	Human Factors		3
AVS 2131	Multi-Engine Flight Lab		1
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
<b>SCHs</b>		<b>16</b>
<b>Fourth Year</b>		
<b>Fall</b>		<b>TCCN</b>
AVS 3233	Advanced Power Plant and Turbine Engine Systems	3
AVS 4013	Aviation, Space, American Society	3
MGT 3003	Principles of Management	3
Multicultural Women's Studies Core		3
Electives (6 SCH must be 3000 or 4000-level)		2
<b>SCHs</b>		<b>14</b>
<b>Spring</b>		<b>TCCN</b>
AVS 3243	Advanced Autoflight and Flight Management Systems	3
MGT 3273	Human Resource Management	3
Electives (6 SCH must be 3000 or 4000-level)		6
<b>SCHs</b>		<b>12</b>
<b>Total SCHs:</b>		<b>57</b>