

**Bachelor of Science in Aviation
Study Plan (Fall Start)
First Year (Freshman)**

Total Credit Hours: 121

Fall Semester

Code	Title	Cr.	Prerequisite
ARL 100	Communication Skills in Arabic I	3	None
ENG 200	English 2	3	EPT/ENG102 + FWS100 (co-req)
FWS 100	Academic Skills for Success	3	None
STT 100	General Statistics	3	None
ITD 100	Introduction to Information and Digital Tech.	3	None

Total Credit Hours 15

Spring Semester

Code	Title	Cr.	Prerequisite
ISL 100	Islamic Culture	3	None
FWS 210	General Psychology	3	ENG 102 + FWS 100 (co-req)
FWS 205	UAE and GCC Society	3	ENG 102 + FWS 100 (co-req)
NSC 201	Natural Sciences	3	None
MTT 101	Pre-Calculus	3	MTH100 or MPT

Total Credit Hours 15

Second Year (Sophomore)

Fall Semester

Code	Title	Cr.	Prerequisite
AVS 209	Aerodynamics	3	NSC 201+ MTT 101
AVS 211	Aircraft Engines	3	NSC 201
AVS 254	Aviation Law	3	FWS 205
AVS 287	Crew Resource Management	3	MGT 255 + FWS 210
OE 4	Open Elective IV	3	

Total Credit Hours 15

Spring Semester

Code	Title	Cr.	Prerequisite
AVS 201	Private Pilot Operations	3	AVS 209
AVS 301	Introduction to Meteorology	3	MTT101+ NSC 201
AVS 356	Systems and Components	3	NSC 201
AVS 357	Flight Physiology	3	NSC 201+ FWS 210
FWS 310	Fundamentals of Innovation & Entrepreneurship	3	ENG 200 + Comp of 60 CH

Total Credit Hours 15

Third Year (Junior)

Fall Semester

Code	Title	Cr.	Prerequisite
AVS 415	Airport Operations	3	None
AVS 408	Flight Safety	3	80 Credit Hours
AVS 401	Aviation Weather	3	AVS 301
AVS 350	Flight Navigation	3	AVS 310, AVS 321
AVS 380	Pilot Career Planning and Interviewing	2	60 Credit Hours

Total Credit Hours 14

Fall Semester

Code	Title	Cr.	Prerequisite
AVS 399	Internship	2	90 Credit Hours

Total Credit Hours 2

Fourth Year (Senior)

Spring Semester

Code	Title	Cr.	Prerequisite
AVS 435	Electronic Flight Management System	3	AVS 310
AVS 472	Aviation Science of Multi-Crew Flight	3	AVS 287
AVS 411	Jet Transport Systems	3	AVS 356
AVS 410	Air Traffic Management	3	MGT 255
AVS 421	Commercial Pilot Operations	3	AVS 321

Total Credit Hours 15

Spring Term

Code	Title	Cr.	Prerequisite
FWS 301	Developing Future Leaders	3	ENG200 + FWS100 + 45 CH
OE 5	Open Elective V	3	-

Total Credit Hours 6

Winter Term

Code	Title	Cr.	Prerequisite
OE1	Open Elective I	3	
OE2	Open Elective II	3	

Total Credit Hours 6

Summer A Term

Code	Title	Cr.	Prerequisite
OE3	Open Elective III	3	
MGT 255	Management & Organizational Behavior	3	ENG 200 & FWS 210

Total Credit Hours 6

Winter Term

Code	Title	Cr.	Prerequisite
AVS 289	Airline Management	3	MGT 255
FWS 305	Technical Communication for Work Place	3	ENG 200 + Comp. of 45 CH

Total Credit Hours 6

Summer A Term

Code	Title	Cr.	Prerequisite
AVS 310	Aircraft Performance	3	AVS 209 + AVS 211
AVS 321	Instrument Pilot Operations	3	AVS 201

Total Credit Hours 6