

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

Total Credit Hours: 121

First Year (Freshman)

Fall Semester

Code	Title	Cr.	Prerequisite
ARL 100	Communication Skills in Arabic I	3	None
ENG 200	English II	3	*EPSS / ENG100(C grade)+ (Co) UNS102
ISL 100	Islamic Culture	3	None
UNS 102	University Study Skills	1	None
STT 100	General Statistics	3	None
ITE 100	Introduction to IT Applications	3	None

Total Credit Hours 16

Spring Semester

Code	Title	Cr.	Prerequisite
CRT 301	Critical Thinking	2	UNS 102 + ENG 200
PSY 201	General Psychology	3	ENG 100 + (Co) UNS 102
SOC 201	UAE and GCC Society	3	ENG 100 + (Co) UNS 102
NSC 201	Natural Sciences	3	None
MTT 101	Mathematics for Science and Technology	3	C grade in MTG 100 or MPT

Total Credit Hours 14

Winter Term

Code	Title	Cr.	Prerequisite
OE1	Open Elective I	3	
OE 2	Open Elective II	3	

Total Credit Hours 6

Summer A Term

Code	Title	Cr.	Prerequisite
ENG 305	Technical Communication for Engg. & Sc.	3	ENG 200
MGT 255	Management & Organizational Behavior	3	ENG 200 & PSY 201

Total Credit Hours 6

Second Year (Sophomore)

Fall Semester

Code	Title	Cr.	Prerequisite
AVS 209	Aerodynamics	3	NSC 201+ MTT 101
PHI 300	Professional Ethics	3	ENG 200
AVS 211	Aircraft Engines	3	NSC 201
AVS 254	Aviation Law	3	SOC 201
AVS 287	Crew Resource Management	3	MGT 255 + PSY 201

Total Credit Hours 15

Winter Term

Code	Title	Cr.	Prerequisite
AVS 289	Airline Management	3	MGT 255
OE 3	Open Elective III	3	

Total Credit Hours 6

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+ PSY 201
INE 300	Fundamentals of Innovation & Entrepreneurship	3	ENG 200 + Completion of 60 chrs

Total Credit Hours 15

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

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	

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	

Fourth Year (Senior)

Fall Semester

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

Spring Term

Code	Title	Cr.	Prerequisite
OE 4	Open Elective IV	3	-
OE 5	Open Elective V	3	-
Total Credit Hours		6	

***Note: English Proficiency Specified Score: Score of 1250+ & B2 (CEFR) in Writing Component for EmSat or/ 5.5 overall average & 5.5 specific score in Writing Component for IELTS, equivalent in other English Proficiency Test**