

**Bachelor of Science in Aviation
Study Plan (Fall Start) – Option 2**

Total Credit Hours: 121

First Year (Freshman)

Fall Semester

Code	Title	Cr.	Prerequisite
ARL 100	Communication Skills in Arabic I	3	None
ENG 100	English I	3	TOEFL 500
ISL 100	Islamic Culture	3	None
UNS 100	University Study Skills	3	TOEFL 500
STT 100	General Statistics	3	None

Total Credit Hours 15

Winter Term

Code	Title	Cr.	Prerequisite
ARL 105	Communication Skills in Arabic II	3	ARL 100
ITE 100	Introduction to IT Applications	3	None

Total Credit Hours 6

Spring Semester

Code	Title	Cr.	Prerequisite
ENG 105	English II	3	ENG 100 (min. grade of C), UNS 100
PSY 201	General Psychology	3	None
SOC 201	UAE and GCC Society	3	None
NSC 201	Natural Sciences	3	None
MTT 101	Mathematics for Science and Technology	3	MPT or MTG 100 (with min. grade of C)

Total Credit Hours 15

Summer A Term

Code	Title	Cr.	Prerequisite
ENG 201	Business and Technical Communications	3	ENG 105 (with min. grade of C)
MGT 200	Principles of Management	3	ENG 105

Total Credit Hours 6

Second Year (Sophomore)

Fall Semester

Code	Title	Cr.	Prerequisite
AVS 121	Private Pilot Operations	3	None
PHI 300	Professional Ethics	3	ENG 105
AVS 211	Aircraft Engines	3	NSC 201
AVS 254	Aviation Law	3	SOC 201
AVS 287	Crew Resource Management	3	MGT 200, PSY 201

Total Credit Hours 15

Winter Term

Code	Title	Cr.	Prerequisite
AVS 221	Instrument Pilot Operations	3	AVS 121
AVS 289	Airline Management	3	AVS 287

Total Credit Hours 6

Spring Semester

Code	Title	Cr.	Prerequisite
AVS 231	Commercial Pilot Operations	3	AVS 221
AVS 209	Aerodynamics	3	NSC 201, MTT 101
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

Total Credit Hours 15

Summer A Term

Code	Title	Cr.	Prerequisite
AVS 310	Aircraft Performance	3	AVS 209, AVS 211
OE 1	Open Elective I	3	-

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 221
AVS 380	Pilot Career Planning and Interviewing Techniques	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 221, AVS 415
AVS 411	Jet Transport Systems	3	AVS 356
AVS 410	Air Traffic Management	3	MGT 200
OE 2	Open Elective II	3	-

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 3	Open Elective III	3	-
OE 4	Open Elective IV	3	-

Total Credit Hours **6**