

**Bachelor of Science in Aviation
Study Plan (Fall Start) – Option 1**

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 | MTT 101, 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 I | 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 II | Open Elective II | 3 | - |
| Total Credit Hours | | 15 | |

Summer A Term

| Code | Title | Cr. | Prerequisite |
|---------------------------|------------------|----------|------------------|
| PFT 121 | Flight Lessons I | 2 | 113 Credit Hours |
| Total Credit Hours | | 2 | |

Fourth Year (Senior)

Fall Semester

| Code | Title | Cr. | Prerequisite |
|---------------------------|-------------------|----------|--------------|
| PFT 221 | Flight Lessons II | 2 | PFT 121 |
| Total Credit Hours | | 2 | |

Spring Term

| Code | Title | Cr. | Prerequisite |
|---------------------------|--------------------|----------|--------------|
| PFT 321 | Flight Lessons III | 2 | PFT 221 |
| Total Credit Hours | | 2 | |

Summer A Term

| Code | Title | Cr. | Prerequisite |
|---------------------------|-------------------|----------|--------------|
| PFT 421 | Flight Lessons IV | 2 | PFT 321 |
| Total Credit Hours | | 2 | |