### First Year

**Fall:**
- 16 credits
- AES 1100 (6) Aviation Fundamentals (F, S)
- AES 1710 (3) Instrument Flight Sim. I (F, S)
- ENG 1010 (3) Composing Arguments (F, S, Su)
- MTH 1110 (4) College Algebra OR (F, S, Su)
- MTH 1112 (4) College Algebra Thru Modeling (F, S, Su)
- OR
- MTH 1310 (4) Finite Math - Mgmt & Soc Scncs (F, S, Su)

**Spring:**
- 15 credits
- AES 1400 (3) Aviation Weather (F, S)
- ENG 1020 (3) Freshman Comp: Rsrch, Anly, Documt (F, S)
- PHY 1250 (6) Physics of Aviation (F, S)
- SPE 1010 (3) Public Speaking (F, S, Su) OR
- SPE 1710 (3) Interpersonal Communications (F, S, Su)

### Second Year

**Fall:**
- 15 credits
- AES 2220 (3) Flight Dispatcher & Load Planning (F, S)
- AST 1040 (3) Introduction to Astronomy (F, S, Su)
- PHI 1030 (3) Introduction to Ethics (F, S, Su)
- Historical (3) (F, S, Su)
- Multicultural or Global Diversity recommended
- Social and Behavioral Science I (3) (F, S, Su)
- Multicultural or Global Diversity recommended

**Spring:**
- 15 credits
- AES 1050 (3) Introduction to Space (F, S)
- AES 3000 (3) Aircraft Systems and Propulsion (F, S)
- COM 2610 (3) Intro to Technical Writing OR
- MKT 2040 (3) Business Communication (F, S, Su)
- Social and Behavioral Science II (3) (F, S, Su)
- Minor or Unrestricted Elective (3) (F, S, Su)

### Third Year

**Fall:**
- 15 credits
- AES 3600 (3) Space Flight Operations I (F)
- AES Elective (3) (F, S)
- AES 3850 (3) Human Factors and Physiology of Flight (F, S)
- AES 3880 (3) Aviation Security (F, S)
- Minor or Unrestricted Elective (3) (F, S, Su)

**Spring:**
- 15 credits
- AES 4370 (3) Advanced Navigation Systems (F, S)
- AES 4601 (3) Space Flight Operations II (S)
- AES elective (3) (F, S)
- Arts and Humanities (3) (F, S)
- Minor or Unrestricted Elective (F, S, Su)

### Fourth Year

**Fall:**
- 15 credits
- AES 4200 (3) Airport Planning & Management I (F, S)
- AES 4603 (3) Aerospace Operations Systems Analysis & Design (F)
- AES 4860 (3) Aviation Safety (F, S) OR
- AES 4870 (3) Aviation Safety Program Mgmt (F)
- Minor or Unrestricted Elective (3) (F, S, Su)
- Minor or Unrestricted Elective (3) (F, S, Su)

**Spring:**
- 14 credits
- AES 4602 (3) Aerospace Commercialized Operations (F, S)
- AES 4607 (3) Orbital Mech. & Aerospace Sys Sim. (F, S)
- AES 4910 (3) Aviation & Aerospace Strategic Planning (Sr. Exp.) (F, S)
- AES 4930 (3) Professional Flight Standards Seminar (F, S)
- OR
- AES 4210 (3) Airport Planning & Mgmt II (F, S) OR
- COM 4790 (3) Senior Seminar in Tech Com. (F, S)
- Minor or Unrestricted Elective (2) (F, S, Su)