### B.S. in AEROSPACE ENGINEERING (Astronautical Concentration)

**Suggested 3-Year Academic Flowchart for Transfer Students**

Please note: This flowchart is one example of how students can graduate in 3 years. We encourage students to use this as a tool in creating their own unique quarter by quarter graduation plan.

#### Notes:
- **MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET**
  - Refer to current catalog for prerequisites.
  - Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR). USCP requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D2, D Elective and E.
  - Course can be taken previously or concurrently.
  - Consultation with advisor is recommended prior to selecting approved electives; bear in mind your selections may impact pursuit of postbacalaureate studies and/or goals.
  - CE 204 & 207 can be replaced by taking 208.
  - ENGL 149 has been discontinued. For those who still need to take this requirement, you will need to replace this requirement with any GE A3 course.

#### Legend:
- **Major**
- **Support**
- **GE Area**
- **Concentration**
- **General Ed.**

#### Flowchart

**Fall**
- **Aero 121 (2)**
- **Introduction to Aerospace Design**
- **Aero 215 (2)**
- **Mechanics of Materials I**
- **CE 204 (3)**
- **Introduction to Design & Manufacturing**
  - **IME 144 (4)**
- **STAT 312 (4)**
  - **(Math 142)**
  - **(Upper Division B)**

**Winter**
- **Aero 299 (4)**
  - **(ME 211; Math 244)**
- **Aero 219 (3)**
- **Aero 351 (4)**
- **Aero 301 (4)**
  - **(Aero 215)**

**Spring**
- **Aero 300 (5)**
  - **(Aero 121; Math 244)**
- **Aero 322 (3)**
  - **(Aero 300; CE 207)**
- **Aero 350 (2)**
  - **(Aero 300)**

**Fall**
- **Aero 302 (4)**
  - **(Aero 320)**
- **Aero 303 (4)**
  - **(Aero 300; ME 212)**
- **Aero 310 (3)**
  - **(Aero 300)**
- **Aero 355 (4)**
  - **(Aero 320; Math 244)**

**Winter**
- **Aero 320 (4)**
  - **(Aero 320)**
- **Aero 304 (4)**
  - **(Aero 320; ME 212)**
- **Aero 353 (4)**
  - **(Aero 353)**
- **Aero 447 (3)**
  - **(Aero 353)**

**Spring**
- **Aero 305 (3)**
  - **(Aero 305)**
- **Aero 421 (4)**
  - **(Aero 421)**
- **Aero 448 (3)**
  - **(Aero 448)**

**Fall**
- **Aero 307 (4)**
  - **(Aero 307)**
- **Aero 308 (4)**
  - **(Aero 308)**
- **Aero 449 (3)**
  - **(Aero 449)**

**Winter**
- **Aero 316 (4)**
  - **(Aero 316)**
- **Aero 317 (4)**
  - **(Aero 317)**
- **Aero 450 (3)**
  - **(Aero 450)**

**Spring**
- **Aero 318 (4)**
  - **(Aero 318)**
- **Aero 319 (4)**
  - **(Aero 319)**
- **Aero 451 (3)**
  - **(Aero 451)**

### Graduation Writing Requirement (GWR)*

*(Must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course (which can double-count with the Upper Division C) OR by completing the GWR Portfolio. GWR courses are searchable on Schedule Builder.)*

- **13+**
- **9+**
- **13**
- **13**
- **15**
- **10+**
- **8+**
- **7+**