Bachelor of Science in Aerospace Engineering (Standard Option B010)
Summer 2020 through Spring 2021 – Total Credit Hours: 128

This flowchart is not an official check sheet of degree requirements. It is meant to be used as a supplemental visual guide to be used along with the official University of Oklahoma degree check sheet.

FRESHMAN
- MATH 1914 Calculus I
- MATH 2924 Calculus II
- CHEM 1315 Chemistry I
- PHYS 2514 Physics I
- ENGR 2002 Prof. Development
- ENGL 1113 English Composition
- FSC 1203 Freshman Seminar
- HIST 1483 US History
- PSC 1113 American Federal Government
- CS 1313 Programming for Non Majors w/ C
- CS 1313 Programming for Non Majors w/ C
- ENGL 1213 or EXPO 1213 English Comp or Exploratory Writing

SOPHOMORE
- MATH 2934 Calculus III
- MATH 3413 Physical Math I
- MATH 3401 Numerical Methods w/ MATLAB
- PHYS 2524 Physics II
- AME 2223 Intro to Aerospace Engineering
- AME 2113 Statics
- AME 2303 Materials, Design & Manufacturing Processes
- AME 2213 Thermodynamics
- ENGR 1411 / 3511 Freshman / Transfer Engineering Experience
- Coreq: ENGR 1411/3511

JUNIOR
- MATH 3413 Physical Math I
- MATH 3413 Physical Math I
- MATH 3413 Physical Math I
- MATH 2443
- AME 4202 Prof. Development
- ENGR 2002 Prof. Development
- ENGL 3153 Technical Writing
- AME 3253 Aerodynamics
- AME 3253 Aerodynamics
- AME 3253 Aerodynamics
- ENGL 1213 or EXPO 1213 English Comp or Exploratory Writing

SENIOR
- AME 3103 Interactive Engineering Design Simulation
- AME 3103 Interactive Engineering Design Simulation
- AME 3103 Interactive Engineering Design Simulation
- AME 3103 Interactive Engineering Design Simulation
- AME 4273 /5273 Aerospace Systems Design I
- ENG 3153 Technical Writing
- ENGL 3153 Technical Writing
- Approved Elective
- Approved Elective
- Approved Elective
- Approved Elective

In order to progress into 2nd year SOPHOMORE courses in AME, students must successfully complete (C minimum) MATH 1914, MATH 2924, PHYS 2514, & CHEM 1315 with a 3.0 Combined Ret GPA & possess a minimum 3.0 Combined Ret GPA in 24 or more credit hours.

- At least one of these Gen. Ed. courses must be 3000-4000 level.
- Foreign Language: 2 semesters college level or 2 years of high school.
- HS History Deficiency

AME Electives and Flowcharts can be found here: www.ou.edu/content/coe/academics_flowcharts.html

*The following prereqs will be reflected on the AY 2019-2020 checksheet: For AME3143-AME2533 & 2303; For AME3253-AME2213