

Aerospace Engineering B.S.A.E.

2- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Aeronautics, Aerospace and Propulsion Engineer • Automotive, Fuel Cells and Transportation Engineer • Propulsion Systems, Electronic Systems • Power Generation Engineer • Heating, Ventilation, and Air Conditioning Engineer • Structures and Machinery Design Engineer • Micro and Nano Materials, Semiconductors Engineer

Potential Entry Level Salary Range:

\$50,000 - \$128,000

Semester 1 - Fall

Crit	Course/Requirement	Credits
<input type="checkbox"/>	ECO 2023 OR EGN 2615 OR FIN 2100	3
<input checked="" type="checkbox"/>	EGN 3311 - Statics	3
<input checked="" type="checkbox"/>	EGN 3365 - Materials Engineering I	3
<input checked="" type="checkbox"/>	EGN 3000 - Foundations of Engineering	0
<input checked="" type="checkbox"/>	EGN 2440 OR STA 2023	3
<input checked="" type="checkbox"/>	EGN 3373 OR EML 3390	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 2 - Spring

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EGN 3321 - Dynamics	3
<input checked="" type="checkbox"/>	EGN 3343 - Thermodynamics I	3
<input checked="" type="checkbox"/>	EML 3500 - Mechanics of Solids	3
<input checked="" type="checkbox"/>	EML 3022 - Computer Aided Design & Engr	3
<input checked="" type="checkbox"/>	EML 3035 - Programming Concepts Mech Engr	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EML 3041 - Computational Methods	3
<input checked="" type="checkbox"/>	EML 3701 - Fluid Systems	3
<input type="checkbox"/>	EAS 4020 - Intro to Flight	3
<input checked="" type="checkbox"/>	EML 3303 - Mechanical Engineering Lab I	3
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EAS 4101 - Aerodynamics	3
<input checked="" type="checkbox"/>	EAS 4251 - Aero Vibrations	3
<input checked="" type="checkbox"/>	EML 4703 - Compressible Fluid Mechanics	3
<input checked="" type="checkbox"/>	EML 4312 - Mechanical Controls	3
<input checked="" type="checkbox"/>	EML 4419 - Propulsion I	3
<input checked="" type="checkbox"/>	EAS 4950 - Aero Cap Design I	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EAS 4400 - Stability & Ctrl Aircraft	3
<input type="checkbox"/>	EAS 4951 - Aero Cap Design II	3
<input type="checkbox"/>	EGN 4930 - Special Topics in Engineering	0
<input type="checkbox"/>	EAS 3810L - Aerospace Laboratory II	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		