

	Fall Semester		Spring Semester
Freshman			
	ASE 1013 Intro to Aerospace Engineering	CSE 1233 CSE 1284	Computer Programming or * Intro Computer Programming
	CH 1211 Invest in Chemistry	EG 1143	Graphic Communication
	CH 1213 Chemistry I	EN 1113	English Composition II
	EN 1103 English Composition I	MA 1723	Calculus II
	MA 1713 Calculus I	PH 2213	Physics I
	___ 3 Humanities Elective		
	16 hours		15/ 16 hours
Sophomore			
	ASE 2113 Aircraft & Spacecraft Performance	ASE 2711	Aerospace Lab I
	EM 2413 Engineering Mechanics I	EM 2433	Engineering Mechanics II
	MA 2733 Calculus III	EM 3213	Mechanics of Materials
	MA 3113 Intro to Linear Algebra	EM 3313	Fluid Mechanics
	PH 2223 Physics II	MA 2743	Calculus IV
		MA 3253	Differential Equation I
	15 hours		16 hours
Junior			
	ASE 3233 Aerospace Structural Analysis I	ASE 3123	Aircraft Flight Dynamics #
	ASE 3313 Incompressible Aerodynamics	ASE 3731	Aerospace Lab III
	ASE 3333 Aerothermodynamics	ASE 4343	Comp Aerodynamics
	ASE 3721 Aerospace Lab II	ASE 4623	Aerospace Structural Design
	ASE 3813 Intro to Orbital Mechanics	___ 3	Humanities Elective
	EM 3413 Vibrations	___ 3	Math/Science Elective !
	16 hours		16 hours
Senior			
	ASE 4123 Aerospace Controls	ASE 4523	Aircraft Design II #
	ASE 4313 Intro to Aerospace Propulsion	ASE 4722	ASE Capstone II
	ASE 4513 Aircraft Design I #	___ 3	Creative Discovery
	ASE 4712 ASE Capstone I	___ 3	Social/Behavioral Science Elective
	GE 3513 Professional Communication for Engineers	___ 3	Technical Elective !
	___ 3 Social/Behavioral Science Elective	___ 3	Technical Elective !
	17 hours		17 hours

* CSE has a 3 hour or 4-hour course

Denotes concentration specific courses

! Approved courses are listed on ASE website

Courses with ASE symbol are only taught in the semester of listing
EM 3413 only taught in the fall