

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Aerospace Fundamentals	General Physics IA	General Physics II	Introduction to Aerospace Design	Mechanics of Materials I	Mechanics of Materials II	Aerospace Fluid Mechanics	Aerospace Gas Dynamics and Heat Transfer	Aerospace Structural Analysis II	Experimental Stress Analysis	Aerospace Systems Senior Laboratory	
AERO 121 (2)	PHYS 141 (4)	PHYS 132 (4)	AERO 215 (2)	CE 204 (3) ¹	CE 207 (2) ¹	AERO 302 (4)	AERO 303 (4)	AERO 431 (4)	AERO 433 (1)	AERO 465 (1)	
	* [Area B Elective]	(PHYS 131, HNRS 131, or PHYS 141)	(AERO 121; MATH 143; IME 144. Recom: CSC 111)	(ME 211)	(CE 204)	(ME 212; AERO 300†. Recom: AERO 215; 299 or 301)	(AERO 299 or 301; 302)	(AERO 331)	(AERO 331; 431)	(AERO 303; 320; 431; Sr Standing)	
Calculus I	Calculus II	Calculus III	Calculus IV	Aerospace Systems Engineering & Integration	Aerospace Thermodynamics	Fundamentals of Dynamics and Control	Aerospace Structural Analysis I	Fundamentals of Systems Engineering	Aerospace Engineering Professional Preparation	Concentration	Concentrat
MATH 141 (4)	MATH 142 (4)	MATH 143 (4)	MATH 241 (4)	AERO 220 (1)	AERO 299 (4)	AERO 320 (4)	AERO 331 (4)	AERO 350 (2)	AERO 460 (1)	(3)	(3)
* [B4]	(MATH 141 w/min C-) [B4]	(MATH 142 w/min C-) [Area B Elective]	(MATH 143)	(AERO 121)	(ME 212; AERO 300†. Recom: AERO 215)	(AERO 300; ME 212. AERO 321†)	(AERO 300; CE 207 or 208; ME 212)	(AERO 220)	(Sr Standing)		
	General Chemistry for Physical Science & Engineering I CHEM 124 (4) * [B1 & B3]		General Physics III PHYS 133 (4) (PHYS 131, 141, or HNRS 131; MATH 142. Recom: MATH 241)	Materials Engineering MATE 210 (3) (CHEM 111, 124, or 127. Recom: concur MATE 215)	Aerospace Engineering Analysis AERO 300 (5) (AERO 215; MATH 244; ME 211; PHYS 133)	Experimental Sensors, Actuators & Control AERO 321 (1) (AERO 320†)	Concentration (4)	Concentration (2)	Concentration (3)	Concentration (4)	Concentrat (4)
	uction to Design & Manuf IME 144 (4) (Recom: IME 140 or ME 129 Expository Writing		Engineering Statics ME 211 (3)	Engineering Dynamics ME 212 (3)	Electric Circuit Theory & Lab EE 201 (3) (MATH 244; PHYS 133)	Statistical Methods for Engineers STAT 312 (4)		Concentration (4)	Concentration (5)		
	ENGL 133/134 (4)** [A2]		(MATH 241†; PHYS 131 or 141)	(MATH 241; ME 211 or ARCE 211)	EE 251 (1)	(MATH 142) [Upper Division B]				GE (4) **	GE (4) **
	Oral Communication COMS 101/102 (4)** [A1]	k	Take concurrently: BIO 213 (2)*	Linear Analysis I			GE (4) **		GE (4) **	GE (4) **	GE (4) **
GE (4) **		GE (4) **	& BMED/BRAE 213 (2)*	MATH 244 (4) (MATH 143)		Concentration (4)		Concentration (4)			
				54.03							
	(0	Completion of GE A2 w/min C	neers ENGL 149 (4) C-, Recom: completion of GE A: Freshman and Winter of Soph	1)		(Students can attempt to	n Writing Requirement fulfill the requirement after solete the requirement before	90 earned units; students			
18	16	16	17	14	15	17	16	16	14	16	15
										TOTAL:	190

<u>Notes:</u>

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

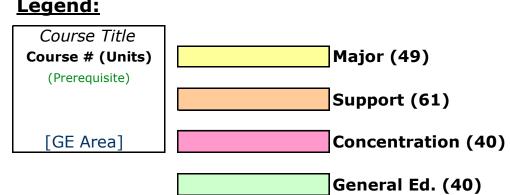
* Refer to current catalog for prerequisites.

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, or E.

† Course can be taken previously or concurrently.

¹ CE 204 & 207 can be replaced by taking 208



^{**}One course from each of the following GE areas must be completed: A1, A2, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2, Area D Elective, E. Upper-Division C should be taken only after Junior standing is reached (90 units).