

Freshman Year

		s.h.	grade	plan	Prerequisites Corequisites			s.h.	grade	plan	Prerequisites Corequisites
EGR 1100	Intro to Engineering I	3			MAT 1125/1130 or higher	EGR 1200	Intro to Engineering II	3			EGR 1100
MAT 2310	Calculus I	3			MAT 1140 or sufficient test score	MAT 2320	Calculus II	3			MAT 2310
CHE 1510	General Chemistry I	4			MAT 1050	PHY 2510	Gen. Physics I - Calculus	4			MAT 2310 MAT 2320
ENG 1010	Composition	3			Sufficient test score	ENG 1040	Composition & Rhetoric	3			ENG 1010 or sufficient test score
MUJ 1100	MU Journey	2				CSC 1000	Computer Literacy	3			
TOTAL		15				TOTAL		16			

Sophomore Year

		s.h.	grade	plan	Prerequisites Corequisites			s.h.	grade	plan	Prerequisites Corequisites
EGR 2100	Engineering Mechanics	3			C- in EGR 1200 MAT 2310	EGR 2300	Materials	3			EGR 2100, CHE 1510
MAT 3090	Calculus III	3			MAT 2320	EGR 3100	Engineering Economy	3			MAT 2310
PHY 2520	Gen. Physics II - Calculus	4			PHY 2510, MAT 2320	MAT 3100	Calculus IV	3			MAT 3090
ECO 2610 or 2620		3				MAT 3120	Linear Algebra	3			MAT 2320
MUJ 2200	MU Journey	1				WEL/PXS		2-3			
Hum/FA/ACL		3				IDS 2100	Reading Circle	1			
TOTAL		17				TOTAL		15-16			

Junior Year

		s.h.	grade	plan	Prerequisites Corequisites			s.h.	grade	plan	Prerequisites Corequisites
EGR 3200	Electrical Engr. Principles	3			MAT 3090, PHY 2520	EGR 3320	Engr. Probability & Statistics II	3			C- in EGR 3310 or MAT 2200
EGR 3310	Engr. Probability & Statistics I	3			MAT 2320	ISE 3300	Operations Research	3			MAT 2320 & 3120
ISE 3200	Work Analysis & Design	3			EGR 2100 & 3100	ISE 3500	Ergonomics & Safety	3			C- in ISE 3200
Hum/FA/ACL		3				ENG 3210	Technical Writing	3			
Hum/FA		3				GP		3			
MUJ 3300	MU Journey	1									
TOTAL		16				TOTAL		15			

Senior Year

		s.h.	grade	plan	Prerequisites Corequisites			s.h.	grade	plan	Prerequisites Corequisites
EGR 4900	Engineering and Society	3			C- in EGR 3320 & ISE 3200	EGR 4910	Senior Design	3			C- in EGR 4900, 3 3/4000 ISE courses
ISE 4200	Product Engineering	3			EGR 2300, ISE 3300	ISE 4320	Systems Engineering	3			C- in ISE 4310
ISE 4310	Engineering Management	3			ISE 3300	EGR/ISE Elect.		3			
Hum/FA		3			Varies with course	Math/Science		3			
Liberal Arts		3				Hum/FA		3			
TOTAL		15				TOTAL		15			