

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 1125/1130 Pre-Calculus I	3-4			MAT 1050 or sufficient test score	MAT 1140 Pre-Calculus II	3			MAT 1125 or 1130
CSC 1000 Computer Literacy	3				CHE 1510 General Chemistry I	4			MAT 1050
ENG 1010 Composition	3			Sufficient test score	ENG 1040 Composition & Rhetoric	3			ENG 1010 or sufficient test score
MUJ 1100 MU Journey	2				Hum/FA/ACL _____	3			
WEL 1010 CPR	1				WEL 2010 Physical Activities	1			
TOTAL	15-16				TOTAL	17			

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 2310 Calculus I	3			MAT 1140	EGR 3100 Engineering Economy	3			MAT 2310
ECO 2610 or 2620	3				MAT 2320 Calculus II	3			MAT 2310
Hum/FA/ACL _____	3				PHY 2510 Gen. Physics I - Calculus	4			MAT 2310 MAT 2320
Hum/FA _____	3				Hum/FA _____	3			
MUJ 2200 MU Journey	1				IDS 2100 Reading Circle	1			
TOTAL	16				TOTAL	17			

Junior Year

	s.h.	grade	plan	Prerequisites Corequisites		s.h.	grade	plan	Prerequisites Corequisites
EGR 3310 Engr. Probability & Statistics I	3			MAT 2320	EGR 3320 Engr. Probability & Statistics II	3			C- in EGR 3310 or MAT 2200
ISE 3200 Work Analysis & Design	3			EGR 2100 & 3100	ISE 3300 Operations Research	3			MAT 2320 & 3120
MAT 3090 Calculus III	3			MAT 2320	ISE 3500 Ergonomics & Safety	3			C- in ISE 3200
PHY 2520 Gen. Physics II - Calculus	4			PHY 2510, MAT 2320	MAT 3100 Calculus IV	3			MAT 3090
GP _____	3				MAT 3120 Linear Algebra	3			MAT 2320
MUJ 3300 MU Journey	1				ENG 3210 Technical Writing	3			
TOTAL	17				TOTAL	18			

Senior Year

	s.h.	grade	plan	Prerequisites Corequisites		s.h.	grade	plan	Prerequisites Corequisites
EGR 3200 Electrical Engr. Principles	3			MAT 3090, PHY 2520	EGR 4910 Senior Design	3			C- in EGR 4900, 3 3/4000 ISE courses
EGR 4900 Engineering and Society	3			C- in EGR 3320 & ISE 3200	ISE 4320 Systems Engineering	3			C- in ISE 4310
ISE 4200 Product Engineering	3			EGR 2300, ISE 3300	ISE/EGR Elect. _____	3			Varies with course
ISE 4310 Engineering Management	3			ISE 3300	Math/Science _____	3			
Liberal Arts _____	3				Hum/FA _____	3			
TOTAL	15				TOTAL	15			