

1 st Year		2 nd Year		3 rd Year		4 th Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
(1-17 units)	(18-35 units)	(36-53 units)	(54-69 units)	(70-87 units)	(88-104 units)	(105-120 units)	(121-135 units)
EGR 181 (4) ⁺ Elementary Math for Eng	EGR 182 (3) Engineering Math	PHY 201 (4) Physics I with Lab	EGR 254 (3) Materials Engineering	EGR 351 (3) Structural Analysis I	EGR 352 (3) Structural Design I	EGR 401 (3) Capstone Design I	EGR 402 (3) Capstone Design II.
EGR 101 (3) Christian World View	EGR 182L (1) Engineering Math Lab	EGR 251 (4) Surveying	EGR 242 (3) Strength of Materials	EGR 355 (3) Dynamics and Vibration	EGR 342 (3) Fluid Mechanics	EGR 451 (3) Project and Constr. Mngmt	EGR 458 (3) Water Resources
EGR 122 (3) Visualization Languages	EGR 102 (4) Introduction to Design	EGR 241 (3) Statics	EGR 256 (3) Principles Env. Eng. and Sci.	EGR 353 (3) Soil Mechanics	EGR 354 (3) Soil Foundation Engineering	EGR 453 (3) Environmental Engineering I	EGR 382 or MAT 303 or MAT 310 (3)
ICS 105 (3) Intro to Global Studies	CHE 115 (4) Gen Chemistry I with Lab	MAT 245 (4) Calculus I	MAT 255 (4) Calculus II	EGR 305 (3) Engineering Statistics	EGR 356 (3) Hydrology	EGR 455 (3) Structural Design II	TE #2 (3)**
ENG 113 (3) / ENG 113E (4) English I	EGR 120 (3) Python (or EGR 121)	GE #1 (3)*	CST 130 (3) New Testament Survey	MAT 343 (4) Multivariable Calculus	EGR 304 (1) Leadership Cohort	EGR 405 (1) Internship Report	GE #2 (3)*
GST 100 (1)	ENG 123 (3) / ENG 123E (4)** English II			BIO 204 (2) Microbiology for Engineers	CST 370 (3) The Christian Faith	TE #1 (3)**	
EGR 181/182: Based on the math placement test		**ENG 123E: Need to talk to a faculty advisor if units exceed 18			EGR 306 (1) Internship Prep.		
*GE #1-#2: 2 from Civil World (WLD161, Economics, History, Political Science, and/or Law)						Summer Internship***	
**TE #1-#2: Any 300-level or above EGR or CON (variance required)							
** Complete pre-approved 200 hours of supervised internship				****Others: FE and Cross-cultural exp.			
17 units	18 units	18 units	16 units	18 units	17 units	16 units	15 units