Catalog year 2024-25

CIVIL ENGINEERING

Updated Feb., 2024

1st Year Fall (1-17 units)	1st Year Spring (18-35 units)	2nd Year Fall (36-52 units)	2nd Year Spring (53-67 units)	3rd Year Fall (68-84 units)	3rd Year Spring (85-100 units)	4th Year Fall (101-116 units)	4th Year Spring (117-131 units)
EGR 182 (4)+ Engineering Math	MAT 245 (4) Calculus I	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 102 (4) Introduction to Design	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 121 (3) C++	CHE 115 (4) Gen Chemistry I with Lab	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	EGR 122 (3) Visualization Languages	BIO 204 (2) Microbiology for Engineers	GE #1 (3)*	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	ENG 123 (3) / ENG 123E (4)++ English II	MAT 255 (4) Calculus II	GE #2 (3)*	MAT 343 (4) Multivariable Calculus	EGR 304 (1) Leadership Cohort	EGR 405 (1) Internship Report	GE #4 (3)*
GST 100 (1)				EGR 306 (1) Internship Prep.	GE #3 (3)*	TE #1 (3)**	
						Summer Internship***	
17 units	18 units	17 units	15 units	17 units	16 units	16 units	15 units

++ENG 123E: Need to talk to a faculty advisor if units exceed 18

+EGR 182: Based on the math placement test

****GE #1-#4: HIS xxx, POL xxx, 2 Christian Studies (CST or ICS)***

*****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.***