

Civil Engineering Curriculum		Credits		Credits	
Freshman Year					
WR 13100/Univ. Seminar		3	FYC 13100/Univ. Seminar	3	
MATH 10550: Calculus I		4	Math 10560: Calculus II	4	
CHEM 10121: Chemistry: Fundamental		4	Technical Elective	3	
Arts and Letters		3	Physics 10310: General Physics 1	4	
Physical Education/ROTC/Seminar		1	Physical Education/ROTC/Seminar	1	
EG 10111 Intro. Eng. Systems.		3	EG 10112: Intro. Eng. Systems	3	
		18		18	
Sophomore Year					
Math 20550: Calculus III		3.5	MATH 20580: Lin. Alg. & Diff. Eq	3.5	
CE 20111: Planet Earth		3	AME 20241: Solid Mechanics	4	
CE 20600: Intro to CAD		2	ACMS 30440: Probability and Statistics	3	
CE 20230: Engineering Programming		1	CE 30160: CE Materials (with Lab)	4	
CE 20150: Statics		3	Arts and Letters	3	
PHYS 10320: Physics II		4	CE 23601 Challenges & Innovations Seminar	0	
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		16.5		17.5	
Junior Year					
CE 30200: Intro to Structural Engineering		3	CE 40270: Reinforced Concrete Design	4	
CE 30300: Intro to Environmental Engineering		3	Arts & Letters ¹	3	
CE 30125: Computational Methods		3	CE 40450: Hydraulics	3.5	
CE 30460: Fluid Mechanics		3	CE 30150: Dynamics and Modeling	3	
MATH 30650: Differential Equations		3	CE 33601: Challenges & Innovations Seminar	0	
CE 33601 Challenges & Innovations Seminar		0	Arts and Letters	3	
		15		16.5	
Senior Year					
CE 40620: Transportation	CE 40465: Mechanics of Environmental Motions	3	CE Senior Design		3
CE 40280: Steel Design	CE 40460: Groundwater Hydrology	4	CE 30210: Structural Analysis	Reactive Transport	3
CE Elective		3	CE Elective		3
Geotechnical Engineering		3.5	Technical Elective ¹		3
Arts and Letters ¹		3	Arts and Letters		3
CE 40701: Principles of Practice		1	CEES 43601: Challenges & Innovation Seminar		0
CE 43601: Challenges & Innovation Seminar		0			
		17.5			15

1. Students may rearrange the sequence of Arts and Letters and Technical Elective courses depending on individual schedules and minors or dual degrees.