CIVIL ENGINEERING (CE)

Program of Study — Catalog Year 2026-2027

	Fall Semester					Spring Semester				
	Terms Offered		Course	Course Title	Hrs.	Terms Offered		Course	Course Title	Hrs.
Freshman	F, Sp, Su		CH 115/R/116	General Chemistry I and Lab	4	F, Sp, Su		PH 221/R/L	General Physics I and Lab	4
	F		EGR 200[1]	Introduction to Engineering	3	F, Sp, Su		CH 117/R/118	General Chemistry II and Lab	4
	F, Sp, Su		EH 101	English Composition I	3	Sp		EGR 194	Engineering Explorations	1
	F, Sp, Su		MA 125/L	Calculus I/Lab	4	F, Sp		EGR 103	Computer-Aided Graphics & Design	3
						F, Sp, Su		MA 126	Calculus II	4
				Total Credits	**14**				**Total Credits**	**16**
Sophomore	F, Sp, Su		CE 210	Statics	3	Sp		CE 200	Engineering Geology	2
	F, Sp, Su		PH 222/R/L	General Physics II and Lab	4	F, Sp		CE 220	Mechanics of Solids	3
	F, Sp		EGR 265[2]	Math Tools for Engineering Problem Solving	4	F, Sp		CE 221	Mechanics of Solids Lab	1
	F, Sp		EGR 150	Computer Methods in Engineering	3	Sp		CE 236/L	Environmental Engineering and Lab	3
	F, Sp, Su		EH 102	English Composition II	3	F, Sp, Su		ME 215/R	Dynamics	3
						F, Sp, Su		Blazer Core[3]	Reasoning	3
				Total Credits	**17**				**Total Credits**	**15**
Junior	F		CE 230/L	Plane Surveying and Lab	3	F, Sp		CE 222	Civil Engineering Materials Lab	1
	F		CE 332/L	Soils Engineering and Lab	4	Sp		CE 345	Transportation Engineering	3
	F		CE 337/L	Hydraulics and Lab	3	Sp,Su		CE 360	Structural Analysis	3
	F		CE 344	Civil Engineering Analysis I	3	Sp		CE 395	Engineering Economics	3
	F, Sp		ME 251	Introduction to Thermal Sciences	2	Sp		CE 430/L	Water Supply & Drainage Design/Lab	3
	F		CE 371	Engineering Communication	2	F, Sp, Su		Blazer Core[3]	Creative Arts	3
				Total Credits	**17**				**Total Credits**	**16**
Senior	F		CE 455	Reinforced Concrete Design	3	Sp		CE 426	Foundation Engineering	3
	F		CE 497	Construction Engineering Management	3	Sp		CE 450	Structural Steel Design	3
	F, Sp, Su		CE 4XX[2,4]	Civil Engineering Elective (400 Level)	3	F, Sp		CE 499	Capstone Design Project	3
	F, Sp, Su		CE 4XX[4]	Civil Engineering Elective (400 Level)	3	F, Sp, Su		CE 4XX[4]	Civil Engineering Elective (400 Level)	3
	F, Sp, Su		Blazer Core[3,5]	City as a Classroom	3	F, Sp, Su		Blazer Core[3]	History & Meaning	3
	F, Sp, Su		Blazer Core[3]	Humans & Their Societies	3					
				Total Credits	**18**				**Total Credits**	**15**

1 EGR 200 preferred; other FYE courses accepted

2 May substitute MA 227 and MA 252 for EGR 265 and one CE elective

3 Please refer to the Blazer Core as specified for engineering majors

4 Any 400 level CE course that is not already a requirement. See advisor for additional options

5 CE 280 preferred, other CAC accepted

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