

**MSCE (CEM Option) Course offering for the next five years**

Category	Course #	Course Name	Coordinator	Instructor	Year 1		Year 2		Year 3		Year 4		Year 5	
					Fall 2023	Spring 2024	Fall 2024	Spring 2025	Fall 2025	Spring 2026	Fall 2026	Spring 2027	Fall 2027	Spring 2028
Required major and Option core courses	CE 5020	Applied Probability Concepts in Civil Engineering	Andrei	Andrei	X	X	X	X	X	X	X	X	X	X
	CE 5111	Construction Productivity	Cho	Cho/Woo			X				X			
	CE 5121	Construction Financial Management	Woo	Woo				X				X		
	CE 5131	Construction Risk Analysis	Gad	Gad	x		x		x		x		x	
	CE 5141	Advanced Construction Project Management	Woo	Woo	X				X				X	
	CE 5191	Construction Project Delivery Methods	Gad	Gad		x		x		x		x		x
Option Elective Courses	CE 5161	Underground Construction and Trenchless Technology	Cho	Cho	X				X				X	
	CE 5171	Temporary Construction Structures	Cho	Cho		X				X				X
	CE 5181	Construction Leadership & Ethics	Babikian	Babikian			X				X			
					4	3	4	3	4	3	4	3	4	3