

	Fall'16	Spring'17	Fall'17	Spring'18	Fall'18	Spring'19	Fall'19	Spring '20	Fall'20	Spring'21
Technical Electives/Graduate Courses										
Engineering Mechanics										
CE 402 Introductory Finite Element Methods (3)	1		1		1		1		1	
Geotechnical										
CE 440 Foundation Engineering (3)		1		1		1		1		1
CE 441 Earth Structures in Geotechnical Engineering (3)	1		1		1		1		1	
CE 442 Ground Improvement (3)				1				1		
CE 444 Special Topics in Geomechanics (3)			1						1	
CE 445 Geoenvironmental Engineering (3)		1				1				1
CE 446 Geotechnical Earthquake Engineering (3)					1					
CE 448 Numerical Methods in Geotechnical Engineering (3)	1						1			
Hydraulics										
CE 422 Open-Channel Flow (3)	1			1			1			1
CE 423 Hydrology (3)		1		1		1		1		1
CE 427 Computer Applications in Hydraulics (3)	1		1		1		1		1	
CE 429 Special Topics in Hydraulics in & Water Resources Engineering (3)			1			1			1	
CE 449 (HWR) Statistical Hydrology (3)	1		1		1			1	1	
Structures										
CE 410 Probability in Civil Engineering (3)	1				1		1		1	
CE 432 Advanced Structural Design in Steel (3)	1		1		1		1			
CE 434 Design of Wood and Masonry Structures (3)		1		1		1		1		1
CE 435 Prestressed Concrete Structures (3)				1			1			1
CE 437 Advanced Structural Design in Concrete (3)		1		1		1		1		1
CE 438 Behavior and Design of Structural Systems (3)			1			1			1	
Transportation										
CE 460 Special Topics in Transportation Engineering (3)	1		1		1				1	
CE 463 Traffic Flow and Capacity Analysis (3)		1		1		1				1
CE 465 Transportation Data Management and Analysis (3)		1		1						1
CE 466 Highway Geometric Design (3)	1		1		1				1	
CE 468 (PLNN) Urban Transportation Planning (3)	1		1		1				1	
CE 469 Travel Demand Modeling (3)										
Environmental										
CE 476A (CHEE) Water Treatment System Design (3)	1		1		1		1		1	
CE 478 (CHEE) Introduction to Hazardous Water Management (3)		1		1		1		1		1
CHEE 400R Water Chemistry for Engineers (3)		1		1		1		1		1
CHEE 400L Water Chemistry for Engineers Lab (1)	1		1		1		1		1	
CHEE 469A Air Pollution I										
Multi-disciplinary Courses										
CE 381 Construction Engineering Management (3)	1		1		1		1		1	
CE 439 Developing Next generation Li-ion Batteries	1		1		1		1		1	
CE 464A Integrated Highway Bridge Design w/LRFD Method (3)		1		1		1		1		1
CE 482 Construction Project Planning, Scheduling, and Control (3)		1		1		1		1		1
CE 483 Construction Cost Estimating		1		1		1		1		1

Parenthesis indicates home department