

	Fall'12	Spring'13	Fall '13	Spring '14	Fall'14	Spring'15	Fall'15	Spring'16	Fall'16	Spring'17
Technical Electives/Graduate Courses										
Engineering Mechanics										
EM 502 Introductory Finite Element Method	1		1		1		1		1	
EM 504 Theory of Elasticity				1				1		
EM 508 Fracture Mechanics	1				1				1	
EM 605 Mechanical Behavior of Materials II		1				1				1
EM 606 Wave Propagation in Solids & Ultrasonic NDE			1				1			
Geotechnical										
CE 540 Foundation Engineering (3)		1		1		1		1		1
CE 541 Earth Structures in Geotechnical Engineering (3)	1		1		1		1		1	
CE 542 Ground Improvement (3)				1				1		
CE 544 Special Topics in Geomechanics (3)	1				1				1	
CE 545 Geoenvironmental Engineering (3)		1		1		1		1		1
CE 546 Geotechnical Earthquake Engineering (3)			1			1				
CE 548 Numerical Methods in Geotechnical Engineering (3)										
Hydraulics										
CE 522 Open-Channel Flow (3)				1			1			1
CE 523 Hydrology (3)		1		1		1		1		1
CE 527 Computer Applications in Hydraulics (3)	1		1		1		1		1	
CE 529 Special Topics in Hydraulics and WR Eng			1			1			1	
CE 622 Sedimentation Engineering		1			1			1		
CE 549 (HWR) - Statistical Hydrology		1		1		1		1		1
CE 655 (HWR) Stochastic Hydrology (3)										
Structures										
CE 510 Probability in Civil Engineering (3)	1				1				1	
CE 532 Advanced Structural Design in Steel (3)	1		1		1		1		1	
CE 534 Design of Wood and Masonry Structures (3)		1		1		1		1		1
CE 535 Prestressed Concrete Structures (3)				1				1		
CE 537 Advanced Structural Design in Concrete (3)		1				1				1
CE 538 Structural Systems			1				1			
CE 632 Infrastructure Rehabilitation (3)					1				1	
CE 633 Reinforced Concrete (3)			1				1			
CE 638 Structural Stability				1				1		
EM 633 Structural Dynamics and Earthquake Engineering		1				1				1
Transportation										
CE 560 Special Topics in Transportation Engineering (1-3)		1			1			1		
CE 562A Public Transit Planning and Operations (3)	1		1		1		1		1	
CE 563 Traffic Flow and Capacity Analysis (3)		1		1		1		1		1
CE 566 Highway Geometric Design (3)			1			1			1	
CE 569 Travel Demand Modeling (3)	1			1			1			1
CE 663 Advanced Traffic Modeling and Engineering (3)		1			1			1		
CE 568 (PLNN) Urban Transportation Planning (3)	1		1		1		1		1	
CE 561 (SIE) Traffic Simulation (3)										
Miscellaneous Courses										
CE 464A Intergrated Highway Bridge Design w/LRFD Method (3)		1				1				

Parenthesis indicates home department