Technical Electives/Graduate Courses	Fall'10	Spring'11	Fall'11	Spring'12	Fall'12	Spring'13	Fall '13	Spring '14	Fall '14	Spring '15
Engineering Mechanics	**1**	**1**	**2**	**2**	**2**	**1**				
EM 502 Introductory Finite Element Method	1		1		1		1		1	
EM 511 Advanced Finite Element Method				1				1		1
EM 504 Theory of Elasticity				1				1		1
EM 508 Fracture Mechanics					1					
EM 605 Mechanical Behavior of Materials II		1				1				
EM 606 Wave Propagation in Solids & Ultrasonic NDE			1				1		1	
Geotechnical	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
CE 540 Foundation Engineering (3)		1		1		1		1		1
CE 541 Earth Structures in Geotechnical Engineering (3)	1		1				1		1	
CE 542 Ground Improvement (3)				1						
CE 544 Special Topics in Geomechanics (3)					1					
CE 545 Geoenvironmental Engineering (3)		1				1		1		1
CE 546 Geotechnical Earthquake Engineering (3)			1							
CE 548 Computer Methods in Geotechnical Engineering (3)	1				1		1		1	
Hydraulics	**2**	**1**	**2**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CE 522 Open-Channel Flow (3)	1			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				
CE 549 Statistical Hydrology				1		1		1		1
CE 622 Sedimentation Engineering					1			1		1
HWR/CE 655 Stochastic Hydrology (3)					1					
Structures	**2**	**2**	**2**	**3**	**2**	**2**	**0**	**0**	**0**	**0**
CE 510 Probability in Civil Engineering (3)	1			1						
CE 532 Advanced Structural Design in Steel (3)	1		1		1					
CE 534 Design of Wood and Masonry Structures (3)		1		1		1				
CE 535 Prestressed Concrete Structures (3)			1							
CE 537 Advanced Structural Design in Concrete (3)						1				
CE 538 Structural Systems					1					
CE 632 Infrastructure Rehabilitation (3)				1						
CE 633 Reinforced Concrete (3)										
CE 638 Structural Stability										
EM 633 Structural Dynamics and Earthquake Engineering (3)		1			1					
Transportation	**2**	**2**	**2**	**3**	**1**	**2**	**1**	**2**	**1**	**2**
CE 560 Special Topics in Transportation Engineering (1-3)				1		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 563 Traffic Flow and Capacity Analysis (3) Web based										
CE 566 Highway Geometric Design (3)	1			1			1		1	
CE 569 Travel Demand Modeling (3)		1			1			1		1
CE 663 Advanced Traffic Modeling and Engineering (3)			1			1				
PLNN/CE 568 Urban Transportation Planning (3)	1		1		1		1		1	
SIE/CE 561 Traffic Simulation (3)										