

Department of Civil Engineering

Graduate Course Schedule by Subdiscipline

Course Number & Title	Scheduled	
	YEAR	TERM
<i>General:</i>		
ECE 5103 Applied GIS	ODD	SUMMER
ECE 5113 Sustainable Construction Practices	EVERY	FALL
ECE 5813 Pavement Analysis & Rehab	ODD	FALL
ECE58XX Pavement Management	EVEN	FALL
ECE 5933 Infrastructure Funding & Regulations	EVERY	FALL
ECE 5943 Infrastructure Program Management	ODD	SPRING
<i>Construction:</i>		
ECE 5213 Design-Build Project Delivery	EVERY	FALL
ECE 5223 Techniques of Project Plan & Control	EVERY	SPRING
ECE 5233 Advanced Construction Tech & Methods	ODD	FALL
ECE 5243 Fund Const Acct & Financing	EVERY	SPRING
ECE5263 Construction Safety Management	EVEN	FALL
ECE 5273 Construction Law	EVERY	SPRING
ECE 5283 Conceptual Estimating	EVERY	FALL
ECE 6213 Issues in Integrated Engineering Mgt	EVERY	SPRING
<i>Geotechnical:</i>		
ECE 5413 Shallow & Deep Fdn Design	EVEN	FALL
ECE 5423 Geoenvironmental Engineering	EVEN	SUMMER
ECE 5433 Ground Improvement Methods	ODD	FALL
ECE 5443 Designing with Geosynthetics	EVEN	SPRING
ECE 5463 Earthquake Engineering	ODD	SUMMER
ECE 5473 Earth Retaining Structures	ODD	SPRING
ECE 6413 Engineering Properties of Soils	EVEN	SPRING
<i>Water Resources & Environmental:</i>		
ECE 5323 Environmental Cleanup	ODD	FALL
ECE 5333 Air Pollution Control	EVEN	SUMMER
ECE 5343 Advanced Environmental Engineering	EVEN	FALL
ECE 5353 Environmental Management	EVEN	SPRING
ECE 5363 Surface Water Quality Management	ODD	SPRING
ECE 5523 River Engineering	ODD	SPRING
ECE 5533 Coastal Engineering	ODD	FALL
ECE 5543 Designing of Stormwater Mgt Systems	EVEN	SPRING
ECE 5553 Ports and Harbors	EVEN	FALL
<i>Structural:</i>		
ECE 5713 Prestressed Concrete	ODD	FALL
ECE 5723 Advanced Structures	EVEN	SPRING
ECE 5743 Introduction to Structural Dynamics	ODD	FALL
ECE 5753 Advanced Concrete Design	ODD	SPRING
ECE 5763 Composite Material & Structures	ODD	SPRING
ECE5773 Advanced Steel Design	EVEN	FALL
ECE 5783 Bridge Design I	EVEN	SPRING
ECE 6733 Finite Element Analysis	EVEN	FALL

Notes: (a) This is a tentative schedule and may be subjected to changes.

(b) A course scheduled for Spring 2012 is indicated as SPRING semester in a EVEN year.

(c) Dissertation, Independent Research, Thesis, Project, and Directed Study courses are not included

(d) Other courses, such as Special Topics, may be offered depending on student interest.