

# UNIVERSITY OF NEW MEXICO

Department of Civil Engineering

Course Requirements

for

Master of Science in Civil Engineering

## GEOTECHNICAL ENGINEERING

### Required Courses

### Credit Hours

CE 502	FEM in Solid Mechanics	3
CE 560	Advanced Soil Mechanics	3
CE 561L	Advanced Soil Mechanics Laboratory	3
CE 562*	Foundation Engineering I	3
CE 567	Foundation Engineering II	3
CE 691	Seminar	2
	(must be taken twice for one credit each)	

### Elective Courses

CE 551	Problems	1 - 3
CE 563	Earth Structures	3
CE 564	Rock Mechanics	3
CE 566	Highway & Airport Pavements	3
CE 565	Soil Behavior	3
CE 568	Soil Dynamics	3
CE 588 (Plan II)	Master's Project	3
<i>or</i>		
CE 599	Master's Thesis	6

**\*CE 360L is a prerequisite for CE 562.**

Other elective courses may be approved by the major advisor.