GEOTECHNICAL ENGINEERING - UNDERGRADUATE MINOR

This minor builds upon existing B.S. degree programs at NMSU in analysis, construction, and design of geotechnical components of civil infrastructure.

Prefix	Title	Credits
Core courses (3 courses)		
C E 301	Mechanics of Materials	3
or E T 310	Applied Strength of Materials	
C E 357	Soil Mechanics	3
or E T 354	Soil and Foundation Technology	
C E 457	Foundation Design	3
Elective courses (3 courses) [1]		**9-10**
To be selected from the following list of courses (numbered 300-499) [2]		
Upper level courses in Civil Engineering		
C E 452	Geohydrology	
C E 470	Design of Municipal and Hazardous Waste Landfills	
C E 479	Pavement Analysis and Design	
C E 485	Design of Earth Dams	
C E 498	Special Topics [3]	
Upper level courses in Engineering Technology		
E T 355	Site/Land Development and Layout	
Total Credits		**18-19**

1. elective courses may be taken in the same department or different departments
2. courses numbered 450 and above may be used to satisfy course requirements for the accelerated master's degree program (requires department head approval)
3. special topics in Civil Engineering include advanced soil mechanics, advanced soil behavior, ground improvement, design of earth retaining structures, deep foundations, and slope stability analysis (requires consent of department head and instructor)