

# Civil Engineering Depth and Technical Elective Matrix

**New Numbers**

**Name:** \_\_\_\_\_

Every student must have depth in 4 areas. Depth courses are *primarily* (not always) courses that have another CE course in the same area as a pre-requisite, excluding CE 3334, as CE 3330 is considered a basic science course. Structures is a required depth area, students take 3210 & 3220. Three depth courses in other areas must be taken. In addition, there are 2 technical electives that can be taken in any area. Use this matrix in conjunction with the "Guidelines for Depth and Technical Electives in Civil Engineering" and your advisor to select your electives.

**NOTE: many of these courses are NOT offered every semester**

*Updated 11.10.16*

<b>Pre- Requisite</b>	<b>CE 3201 Structures</b>	<b>CE 4448 Construction</b>	<b>CE 3715 Geotech</b>	<b>CE 3116 Materials</b>	<b>CE 3500 Transportation</b>	<b>CE 2601 Environmental</b>	<b>CE 3330 Water Resources</b>
<b>CE 3210 &amp; 3220 required</b>		CE 5442	CE 4729	CE 5112	CE 5250	CE 3615	CE 5330
CE 5118	CE 5445	CE 5715	CE 5113	CE 5510	CE 5513	CE 5605 pre 2601, 2602 & Env 3663	CE 5331
CE 5203	CE 5446	CE 5716	CE 5117	CE 5513	CE 5515 pre 5513	CE 5619 pre 3615	CE 5332
CE 5205	CE 5448	CE 5729 pre 4729	CE 5156			CE 5630 pre 3615	CE 5333
CE 5206 pre 3210 or 3220	CE 5449	CE 5750				CE 5640	CE 5335
CE 5207		CE 5744				CE 5642	CE 5337
CE 5208						CE 5650	CE 5338 pre 3334
CE 5210 pre 3210						CE 5660 pre 3330	CE 5360
CE 5220 pre 3220						CE 5662 pre 3330	
CE 5222 pre 3220						CE 5665	
CE 5231 pre 3220						CE 5670	
CE 5260						EE 5635 pre 3615	
CE 5270							

The CE Department offers new experimental courses under the CE 5001 number. Check the current list of course offerings for new courses since the last update of this list.

Plan	Notes	Area	Course	Semester
Depth	Structures (not elective)	Structures	CE 3210 & 3220	
Depth 1	Not structures area			
Depth 2	Not struct, not the same as Depth #2			
Depth 3	Not struct, not the same as Depth #2 or #3			
Technical 1				
Technical 2				

CE 4099 and CE 5000 count as technical electives. Upper level courses in the Surveying area (5405, 5406, 5702 ) count as technical electives.