

Civil Engineering Depth and Technical Elective Matrix

Every student must have depth in 4 areas. Depth courses are *primarily* (not always) courses that have another CivE course in the same area as a pre-requisite, excluding CivE 3334, as CivE 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**

Pre-Requisite	CivE 3201 Structures	CivE 4448 Construction	CivE 3715 Geotech	CivE 3116 Materials	CivE 3500 Transportation	CivE 2601 Environmental	CivE 3334 Water Resources	
	CivE 3210 & 3220 required	CivE 5441	4729 TR 11-12:15	CivE 5112	CivE 5250	3615 TR 9:30-10:45	CivE 5330	The CivE Department offers new experimental courses under the CivE 5001 number. Check the current list of course offerings for new courses since the last update of this list.
	CivE 5001	CivE 5442	5715 MWF 10-10:50	5113 TR 11-12:15	CivE 5510	CivE 5605 pre 2601, 2602 & Env 3603	CivE 5331	
	CivE 5203	CivE 5445	CivE 5716	CivE 5117	CivE 5513	5619 pre 3615 M/T 4-6:30	CivE 5332	
	CivE 5205	CivE 5446	CivE 5729 pre 4729	5156 TR 12:30-1:45	CivE 5515 pre 5513	CivE 5630 pre 3615	CivE 5333	
	CivE 5206 pre 3210 or 3220	CivE 5448	Civ E 5744	5181 MWF 12-12:50		5635 pre 3615 TR 8-9:15	CivE 5335	
	CivE 5207	CivE 5449	CivE 5750			5640 R 4-6:30	CivE 5337	
	CivE 5208	5451 TR 8-9:15				CivE 5642	5338 pre 3334 TR 9:30-10:45	
	5209 TR 2-3:15	CivE 5452				5650 TR 11-12:15	CivE 5360	
	CivE 5210 pre 3210	CivE 5453				CivE 5660 pre 3330		
	CivE 5220 pre 3220	5454 W 4-6:30				5662 pre 3330 W 4-6:30		
	CivE 5222 pre 3220					CivE 5665		Surveying (Tech Elec)
	5260 OF/MWF 12	CivE 5455				CivE 5670		5404
	5270 TR 9:30-10:45							5406
								5702
								4321 MWF 2-2:50

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				

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