

Civil Engineering Catalog 2019

Fall 16 hours	Chem 120 or 128 (4) FA, SP, SU Prereq-Math 119; recommended background Math 130	Math 141 or 147 (4) FA, SP, SU Prereq- Math 130 or Math ACT 28 or Math SAT 630	EF 151 or 157 (4) FA, SP Coreq- Math 141 or 147 and EF 105	EF 105 (1) FA, SP Coreq- EF 151 or 157	English 101/118 or 198 or 131 (3) FA, SP, SU 101 Regular; 118 Honors; 198 Chancellor Honors Only; 131 English as Second Language		
Spring 15 hours	Chem 130 or 138 (4) FA, SP, SU Prereq- Chem 120 or 128	Math 142 or 148 (4) FA, SP, SU Prereq- Math 141 or 147	EF 152 or 158 (4) FA, SP, SU Prereq- EF 151 or 157	English 102 or 290 or 298 or 132 (3) FA, SP, SU 102 Prereq 101 or 118; 290 Prereq AP 101 credit 298 Prereq Chancellor Honors only & 198; 132 Prereq 131 ESL			
Fall 16 hours	Math 231 or 237 (3) FA, SP, SU Prereq- Math 142 or 148	STATS 251 (3) FA, SP, SU Prereq- Math 142 or 148	ECON 201 or 207 (4) FA, SP, SU Social Science	ME 202 (2) FA, SP, SU Coreq- EF 152 or 158 and Math 142 or 148	CE 210 (4) FA, SP Minimum student level — sophomore		
Spring 16-17 hours	Math 241 or 247 (4) FA, SP, SU Prereq- Math 142 or 148	CE 391 (3) FA, SP Prereq- EF 152 or 158 Coreq- CE 262 or ME 202 and Math 231/237	CE 262 (4) FA, SP, SU Prereq- ME 202	Science Elective *(3-4) FA, SP, SU Choose one from approved list*	CE 205 (OC & WC) (2) FA, SP, SU Prereq- EF 151 or 157; English 102, 132, 290, or 298 Minimum student level — sophomore; Civil majors		
Fall 16 hours	Gen Ed (3) FA, SP, SU Cultures and Civilizations	CE 381 (3) FA, SP, SU Prereq- CE 391 and Chemistry 130 or 138	CE 331 (3) FA, SP Prereq- CE 262 Coreq- CE 310	CE 371 (3) FA, SP Prereq- CE 262	CE 355 (3) FA, SP Prereq- EF 152 or 158 Recommended background CE 210	CE 310 (1) FA, SP Prereq- CE 205 and 262	
Spring 16 hours	Gen Ed (3) FA, SP, SU Arts and Humanities	EF 230 (2) FA, SP Prereq- EF 105 or CS 102 Co-req- EF 152/158	CE 340 (3) FA, SP Coreq- CE 300, Civil and Nuclear major Minimum student level- Junior	CE 321 (3) FA, SP Prereq- CE 262	CE 300 (3) FA, SP Restriction- Sophomore standing or above in Civil	CE 305 (2) FA, SP Prereq- CE 205	
Fall 16 hours	Gen Ed (3) FA, SP, SU Social Science	Gen Ed (3) FA, SP, SU Cultures and Civilizations	CE 399S (1) FA, SP Minimum student level- Senior Must be taken term prior to CE 400	CE 401 (2) FA Minimum student level- Senior Civil majors	CE Concen. Elective *(3) FA, SP	CE Concen. Lab *(1) FA, SP	Technical Elective *(3) FA, SP, SU Petition required in advance
Spring 16 hours	Gen Ed (3) FA, SP, SU Arts and Humanities	CE Concen. Elective *(3) FA, SP	CE Concen. Lab *(1) FA, SP	CEE 400 (3) FA, SP Prereq- CE 399S	Technical Elective *(3) FA, SP, SU Petition required in advance	Technical Elective *(3) FA, SP, SU Petition required in advance	

***Science Elective**- Students select from Biology 101, 102, 150 or 158, 160 or 168; Geography 131; Geology 101, 103, 107; Environ.Engineering 513; Environ. Soil Science 462.

****CE Concentration Electives/Labs**- Students must select 2 of the following concentration sequences: environmental (CE 481 or 487 and CE 482), geotechnical (CE 430 or 437 and CE 432), structural (CE 461 or 467 and CE 463), transportation (CE 455 or 458 and CE 456), water resources (CE 494 or 497 and CE 496), construction (CE 441 or 448 and CE 432 or CE 463).

***Technical Electives

All areas Acctg, 200/207, EF 333, Physics 231, Physics 232, Math 251, ME 231, ME 331, ECE 201, COSC 102, Chem 210, Chem 260/268
 Construction CE 581, CE 582, CE 583, CE 584
 Environmental CE 485, CE 495, Chem 210, Chem 260/268, Chem 330, Envr 511, Envr 513, Geog 411
 Geotechnical CE 531, CE 535; Geology 310, 330, 340, 370, and 471
 Materials CE 521, CE 522, CE 525
 Structures CE 462, CE 472, CE 474, CE 576
 Transportation CE 551, CE 552, Geog 411
 Water Resources CE 485, CE 495, ENVE 515, ENVE 516, ENVE 526, ENVE 533, Geog 411

Civil Graduation Requirements

Students are required to maintain a cumulative grade point of at least 2.0 in all civil engineering and environmental engineering courses taken at the University of Tennessee, Knoxville, used to satisfy the graduation requirements. No more than four credit hours of civil and environmental engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation. Students must earn a grade of C or better in all courses within their two selected concentrations. Students are strongly recommended to meet with their faculty advisor every semester.

Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.