

CIVIL ENGINEERING B.S CURRICULUM

FLOW CHART

196 Units
2009-2011 CATALOG YEAR

	FIRST YEAR			SECOND YEAR			THIRD YEAR			FOURTH YEAR		
	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
REQUIRED MAJOR COURSES	CE 111 ¹	CE 112 (MATH 141) ²	CE 113 (CE 112) ²		CE 204 (ME 211) ³	CE 207 (CE 204) ³	CE 351 (CE 251, CE 207) ⁴	CE 355 (CE 259, CE 351) ⁴	CE 356 (CE 351) ⁴	A T E ⁴	466 or 468 (CE 321, 322, 336, 337, 355, 356, 381, 382, Snr Standing, & Instructor Consent) ³	467 or 469 (Senior Standing, Instructor Consent, CE 466 or 468) ³
						CE 259 (CE 204) ²	CE 321 (PHYS 141, CE 259) ³	CE 336 (ME 341) ⁴	CE 381 (CE 207, ME 341, CE 382†) ⁴	A T E ⁴	A T E ⁴	A T E ⁴
						CE 251 (CE 113, MATH 244, CE 207†) ⁴	CE 322 (CE 321 ††) ²	CE 337 (ME 341, CE 336†) ¹	CE 382 *(CE 381 †) ¹	A T E ⁴		A T E ⁴
REQUIRED SUPPORT COURSES	MATH 141** ⁴	CHEM 124** ⁴	CHEM 125 (CHEM 124 or eqv.) ⁴	MATH 241 (MATH 143) ⁴	ME 211 (MATH 241 ††, PHYS 141) ³	ME 212 (MATH 241, ME 211) ³	ME 302 (PHYS 132, ME 212 or CHEM 125) ³		STAT 312 (MATH 142) ⁴			
		MATH 142 (MATH 141 w/ C- or better) ⁴	MATH 143 (MATH 142) ⁴	MATH 244 (MATH 143 or instructor consent) ⁴		ME 341 (ME 212) ³	*** Advisor approved Engr. Sci. El. ³	ENVE 331 (CHEM 125, MATH 244 ††) ⁴				
	BRAE 239 (MATH 119 or eqv.) ⁴	PHYS 141 (MATH 141 w /C- or better, MATH 142 ††) ⁴	PHYS 132 (PHYS 141) ⁴	PHYS 133 (PHYS 141, MATH 142) ⁴	MATE 210 (CHEM 124) ³		GEOL 201 (MATH 119 or eqv.) ³	BIO 213 & ENGR/BRAE 213 (MATH 142, CHEM 124) ⁴				
				ENGL 149 (Completion of A1 & A2) ⁴	MATE 215 (MATE 210 ††) ¹							
GEN ED & BREADTH	A1 ENGL 134 ⁴	A2 COMS 101/102 ⁴			D1 Am Exp ⁴	C1 Literature ** ⁴			C2 PHIL 230/231** ⁴		C3 Fine/Perf Arts ⁴	C4 Upper Div** ⁴
	D2 Pol Econ ⁴				Cultural Pluralism requirement may be fulfilled in some Area C or Area D classes - check catalog						D3 Comp Soc Inst ⁴	D4 Self Dev [CSU Area E] ⁴
TOTAL UNITS PER QTR	17	18	14	15	18	16	18	17	17	16	15	15

* refer to the 2009-2011 Catalog for GE&B course selection, multidisciplinary requirement, cultural pluralism requirement, and GWR requirement

A T E = Approved Technical Elective

** REFER to current Catalog for prerequisites

*** Refer to catalog for course selection.

† CONCURRENT

†† PREREQUISITE or CONCURRENT

Additional advising information: <http://www.eadvice.calpoly.edu>

COURSES CAN BE TAKEN IN ANY CHOSEN ORDER, AS LONG AS PREREQUISITES ARE MET.

REVISED 3/20/09