

CIVIL ENGINEERING B.S CURRICULUM FLOW CHART

196 Units
2007-2009 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 114** ⁴ (MATH 141, CSC 110 or eqv. or Basic Computer Literacy test)	CE 221 ³ (MATH 141)	CE 204 ³ (ME 211)	CE 207 ³ (CE 204)	CE 351 ⁴ (CE 251, CE 207)	CE 355 ⁴ (CE 259, CE 351)	CE 356 ⁴ (CE 351)	ATE ⁴	466 or 468 ³ (CE 221, 222, 336, 337, 355, 356, 381, 382, Snr Standing, & Instructor Consent)	467 or 469 ³ (Senior Standing, Instructor Consent, CE 466 or 468)
				CE 222 ² (CE 221 †)		CE 259 ² (CE 204)	CE 336 ⁴ (ME 341)	CE 381 ⁴ (CE 207, ME 341, CE 382 †)		ATE ⁴	ATE ⁴	ATE ⁴
						CE 251 ⁴ (CE 114, MATH 244)	CE 337 ¹ (ME 341)	CE 382 ¹ *(CE 381 †)		ATE ⁴		ATE ⁴
REQUIRED SUPPORT COURSES		CHEM 124** ⁴	CHEM 125 ⁴ (CHEM 124 or eqv.)	ME 211 ³ (MATH 241 †, PHYS 141)	ME 212 ³ (MATH 241, ME 211)	ME 341 ³ (ME 212)	ME 302 ³ (PHYS 132, ME 212)		STAT 312 ⁴ (MATH 142)			
	MATH 141** ⁴	MATH 142 ⁴ (MATH 141 w/ C- or better)	MATH 143 ⁴ (MATH 142)	MATH 241 ⁴ (MATH 143)	MATH 244 ⁴ (MATH 143 or instructor consent)		*** Advisor approved Engr. Sci. El. ³	ENVE 331 ⁴ (CHEM 125, MATH 242 or 244 †)				
	BRAE 239 ⁴ (MATH 119 or eqv.)	PHYS 141 ⁴ (MATH 141 w/ C- or better, MATH 142 †)	PHYS 132 ⁴ (PHYS 141)	PHYS 133 ⁴ (PHYS 141, MATH 142)	ENGL 149 ⁴ (Completion of A1 & A2)		GEOL 201 ³ (MATH 119 or eqv.)	BIO 213 & ENGR/BRAE 213 ⁴ (MATH 142, CHEM 124)				
					MATE 210 ³ (CHEM 124, MATH 141, PHYS 131)							
					MATE 215 ¹ (MATE 210 †)							
GEN ED & BREADTH	A1 ⁴ ENGL 134	A2 ⁴ COMS 101/102				C1 ⁴ Literature **			C2 ⁴ PHIL 230/231**	C3 ⁴ Fine/Perf Arts	C4 ⁴ Upper Div**	
	D2 ⁴ Pol Econ			Cultural Pluralism requirement may be fulfilled in some Area C or Area D classes - check catalog				D1 ⁴ Am Exp			D3 ⁴ Comp Soc Inst	D4 ⁴ Self Dev [CSU Area E]
TOTAL UNITS PER QTR	17	16	16	16	18	16	18	17	16	16	15	15

* refer to the 2005-2007 Catalog for GE&B course selection, multidisciplinary requirement, cultural pluralism requirement, and GWR requirement. Approved Technical Elect () = PREREQUISITE

** REFER to current Catalog for prerequisites*** Refer to catalog for course selection.

† CONCURRENT

†† PREREQUISITE or CONCURRENT

* = COREQUISITE

Additional advising information: <http://www.eadvise.cal> COURSES CAN BE TAKEN IN ANY CHOSEN ORDER, AS LONG AS PREREQUISITES ARE MET. REVISED 2/14/07