

# CIVIL ENGINEERING B.S CURRICULUM FLOW CHART

202 Units (24 Design Units)  
2003-2005 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 <sup>1</sup>		CE 114** <sup>4</sup> (MATH 141) (CSC 110 or test)	CE 221 <sup>3</sup> (MATH 141)	CE 204 <sup>A</sup> <sup>3</sup> (ME 211)	CE 205 <sup>A</sup> <sup>2</sup> (CE 204)	CE 351 <sup>5</sup> (CE 201 or 205)	CE 355 <sup>3</sup> (CE 259) (CE 351)	CE 407 <sup>4</sup> (CE 351) (ME 212)	CE 461 or 466 <sup>2</sup> (Senior Standing)	CE 462 or 467 <sup>2</sup> (CE 461 or 466)	A T E <sup>4</sup>
				CE 222 <sup>2</sup> ?? (CE 221)		CE 206 <sup>1</sup> ?? (CE 201 or 205)	CE 381 <sup>4</sup> (CE 201 or 205)	CE 453 <sup>3</sup> (CE 351)		A T E <sup>4</sup>	A T E <sup>4</sup>	A T E <sup>4</sup>
						CE 259 <sup>2</sup> (CE 204)	CE 382 <sup>1</sup> (CE 381)			A T E <sup>4</sup>	A T E <sup>4</sup>	A T E <sup>4</sup>
							CE 336 <sup>4</sup> (ME 341)					
							CE 337 <sup>1</sup> (ME 341)					
REQUIRED SUPPORT COURSES	CHEM 124** <sup>4</sup>	CHEM 125 <sup>4</sup> (CHEM 124)	CSC 231** <sup>2/3</sup> OR CSC 234**	ME 211 <sup>3</sup> ?? (MATH 241) (PHYS 131)	ME 212 <sup>3</sup> (MATH 241) (ME 211)	ME 302 <sup>3</sup> (PHYS 132) (ME 212)	CSC 341** <sup>4/3</sup> OR IME 314**	EE 201 <sup>3</sup> (MATH 244) (PHYS 133)	STAT 312 <sup>4</sup> (MATH 142)			
	MATH 141** <sup>4</sup>	MATH 142 <sup>4</sup> (MATH 141) w/C- or better)	MATH 143 <sup>4</sup> (MATH 142)	MATH 241 <sup>4</sup> (MATH 143)	MATH 244 <sup>4</sup> (MATH 143)	ME 341 <sup>3</sup> (ME 212)		ENVE 331 <sup>4</sup> (CHEM 125) ?? (MATH 244 or 244)				
		PHYS 131 <sup>4</sup> (MATH 141) w/C- or better) ?? (MATH 142)	PHYS 132 <sup>4</sup> (PHYS 131)	PHYS 133 <sup>4</sup> (PHYS 131) (MATH 142)	BRAE 239 <sup>4</sup> (MATH 119)	GEOL 201 <sup>3</sup> (MATH 120)		BIO 213 & ENGR/BRAE 213 <sup>4</sup> (MATH 142)				
			ENGL 149 <sup>4</sup> (Completion of A1 & A2)		MATE 210 <sup>3</sup> (CHEM 124 or 127)							
					MATE 215 <sup>1</sup> ?? (MATE 210)							
GEN ED & BREADTH	A1 <sup>4</sup> ENGL 133/134	A2 <sup>4</sup> SCOM 101/102				C1 <sup>4</sup> Literature			C2 <sup>4</sup> PHIL 230/231	C3 <sup>4</sup> Fine/Perf Arts	C4 <sup>4</sup> Upper Div	D4 <sup>4</sup> Self Dev (CSU Area E)
	D2 <sup>4</sup> Pol Econ			Cultural Pluralism requirement may be fulfilled in some Area C or Area D classes - check catalog				D1 <sup>4</sup> Am Exp		D3 <sup>4</sup> Comp Soc Inst		
TOTAL UNITS PER QTR	17	16	18/19	16	18	18	19/18	17	16	14	18	16

refer to the 2003-2005 Catalog for GE&B course selection, cultural pluralism requirement, and GWR requirement

\*\* REFER to current Catalog for prerequisites

Δ or CE 201

? CONCURRENT

?? PREREQUISITE or CONCURRENT

A T E = Approved Technical Elective

( ) = PREREQUISITE

\* = COREQUISITE

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