

# CIVIL ENGINEERING B.S CURRICULUM FLOW CHART

196 Units  
2005-2007 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	<b>CE 111</b> <sup>1</sup>		<b>CE 114**</b> <sup>4</sup> (MATH 141, CSC 110 or eqv. or Basic Computer Literacy test)	<b>CE 221</b> <sup>3</sup> (MATH 141)	<b>CE 204Δ</b> <sup>3</sup> (ME 211)	<b>CE 207Δ</b> <sup>3</sup> (CE 204)	<b>CE 351</b> <sup>4</sup> (CE 251, & either CE 201 or 207)	<b>CE 355</b> <sup>4</sup> (CE 259, CE 351)	<b>CE 356</b> <sup>4</sup> (CE 351)	<b>466 or 468</b> <sup>2</sup> (Senior Standing, Instructor Consent)	<b>467 or 469</b> <sup>2</sup> (Senior Standing, Instructor Consent, CE 466 or 468)	
				<b>CE 222</b> <sup>2</sup> (CE 221 ††)		<b>CE 259</b> <sup>2</sup> (CE 204)	<b>CE 336</b> <sup>4</sup> (ME 341)	<b>CE 381</b> <sup>4</sup> (CE 207, ME 341, CE 382 †)		<b>ATE</b> <sup>4</sup>	<b>ATE</b> <sup>4</sup>	<b>ATE</b> <sup>4</sup>
						<b>CE 251</b> <sup>2</sup> (CE 114, MATH 244)	<b>CE 337</b> <sup>1</sup> (ME 341)	<b>CE 382</b> <sup>1</sup> *(CE 381 †)		<b>ATE</b> <sup>4</sup>	<b>ATE</b> <sup>4</sup>	<b>ATE</b> <sup>4</sup>
										<b>ATE</b> <sup>4</sup>		
REQUIRED SUPPORT COURSES	<b>CHEM 124**</b> <sup>4</sup>	<b>CHEM 125</b> <sup>4</sup> (CHEM 124 or eqv.)		<b>ME 211</b> <sup>3</sup> (MATH 241 ††, PHYS 131)	<b>ME 212</b> <sup>3</sup> (MATH 241, ME 211)	<b>ME 341</b> <sup>3</sup> (ME 212)	<b>ME 302</b> <sup>3</sup> (PHYS 132, ME 212)		<b>STAT 312</b> <sup>4</sup> (MATH 142)			
	<b>MATH 141**</b> <sup>4</sup>	<b>MATH 142</b> <sup>4</sup> (MATH 141 w/ C- or better)	<b>MATH 143</b> <sup>4</sup> (MATH 142)	<b>MATH 241</b> <sup>4</sup> (MATH 143)	<b>MATH 244</b> <sup>4</sup> (MATH 143 or instructor consent)		<b>ENVE 331</b> <sup>4</sup> (CHEM 125, MATH 242 or 244 ††)	<b>*** Advisor approved Engr. Sci. El.</b> <sup>3</sup>				
		<b>PHYS 131</b> <sup>4</sup> (MATH 141 w/ C- or better, MATH 142 ††)	<b>PHYS 132</b> <sup>4</sup> (PHYS 131 or 141 or HNRS 131)	<b>PHYS 133</b> <sup>4</sup> (PHYS 131 or 141, MATH 142)	<b>BRAE 239</b> <sup>4</sup> (MATH 119 or eqv.)	<b>GEOL 201</b> <sup>3</sup> (MATH 119 or eqv.)		<b>BIO 213 &amp; ENGR/BR AE 213</b> <sup>4</sup> (MATH 142, CHEM 124)				
			<b>ENGL 149</b> <sup>4</sup> (Completion of A1 & A2)		<b>MATE 210</b> <sup>3</sup> (CHEM 124 or 127, MATH 141, PHYS 131)							
					<b>MATE 215</b> <sup>1</sup> (MATE 210 ††)							
GEN ED & BREADTH	<b>A1</b> <sup>4</sup> ENGL 134	<b>A2</b> <sup>4</sup> SCOM 101/102				<b>C1</b> <sup>4</sup> Literature			<b>C2</b> <sup>4</sup> PHIL 230/231	<b>C3</b> <sup>4</sup> Fine/Perf Arts	<b>C4</b> <sup>4</sup> Upper Div	
	<b>D2</b> <sup>4</sup> Pol Econ			Cultural Pluralism requirement may be fulfilled in some Area C or Area D classes - check catalog				<b>D1</b> <sup>4</sup> Am Exp		<b>D3</b> <sup>4</sup> Comp Soc Inst	<b>D4</b> <sup>4</sup> Self Dev [CSU Area E]	
TOTAL UNITS PER QTR	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>14</b>

\* refer to the 2005-2007 Catalog for GE&B course selection, cultural pluralism requirement, and GWR requirement

A T E = Approved Technical Elective

( ) = PREREQUISITE

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

Δ or CE 201 † CONCURRENT

†† PREREQUISITE or CONCURRENT

\* = COREQUISITE

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

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