BS CIVIL ENGINEERING

NAME_____
STUDENT ID_____
CONCENTRATION_____
MINOR_____

2003-2005 **Units Required 202**

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				

	<= Units that are NOT Degree Applicable
	<= Degree Applicable Units

Major GPA at least 2.00 _____ [ ] YES [ ] NO
US Cultural Pluralism Met++ [ ] YES [ ] NO
60 Units Upper Division Met Taken/Remaining [ ] YES [ ] NO
GWR Met [ ] YES [ ] NO
Upper Div GEB Met Taken/Remaining [ ] YES [ ] NO

Note: No Major, Support or Concentration courses may be taken credit/no credit

MAJOR COURSES (75)	*Units*	*Grade*	*GrdPts*
CE 111 Intro to Civil Engr	1		
CE 114 Intro CAD in Civil & Env Engr	4		
CE 201 Strength of Materials (5) ***or***	5 ***or***		
CE 204 Strength of Materials I ***and***	3 ***and***		
CE 205 Strength of Materials II	2		
CE 206 Strength of Materials Lab	1		
CE 221 Fund Trans Engr	3		
CE 222 Fund Trans Engr Lab	2		
CE 259 Civil Engineering Materials	2		
CE 336 Water Resources Engr	4		
CE 337 Hydraulics Lab	1		
CE 351 Structural Analysis	5		
CE 355 Reinforced Concrete Des	3		
CE 381 Geotechnical Engineering	4		
CE 382 Geotechnical Engineering Lab	1		
CE 407 Structural Dynamics	4		
CE 453 Structural Steel Design	3		
CE 461 (2) & 462 (2) Senior Project ***or***	2		
CE 466 (2) & 467 (2) Senior Proj Design Lab	2		
[1] Advisor Approved Technical Electives	28		

[1] **Technical Electives Statement Required**

SUPPORT COURSES (87)

BIO 213 ***and***	2
ENGR/BRAE 213 (B2)*	2
BRAE 239 Engineering Surveying	4
CHEM 124 Gen Chem for Engineering (B3/B4)*	4
CHEM 125 Gen Chem for Engineering	4
CSC 231/CSC 234	2/3
CSC 341/IME 314	4/3
EE 201 Electric Circuits Theory	3
ENGL 149 Technical Writing for Engineers (A3)*	4
ENVE 331 Intro to Environmental Engineering	4
GEOL 201 Physical Geology	3
MATE 210 Materials Engineering	3
MATE 215 Materials Engineering Laboratory	1
MATH 141 Calculus I (B1)*	4
MATH 142 Calculus II (B1)*	4
MATH 143 Calculus III (Add'l Area B)*	4
MATH 244 Linear Analysis I	4
ME 211 Engineering Statics	3
ME 212 Engineering Dynamics	3
ME 302 Thermodynamics	3
ME 341 Fluid Mechanics	3
PHYS 131 General Physics (Add'l Area B)*	4
PHYS 132 General Physics	4
PHYS 133 General Physics	4
STAT 312 Statistical Methods for Engr (B6)*	4

GENERAL EDUCATION (GE) (40)

72 units required; 32 units are in Support.

Refer to current schedule or www.calpoly.edu/~acadprog/gened/ to choose GE courses. You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300-400 level

Area A Communication	**8**
A1 ENGL 133/134	4
A2 SCOM 101/102	4
A3 Reasoning, Arg, and Writ * (4 units in Support)	0
Area B Science and Mathematics (no add'l units req'd)	
28 units are specified in Support	0
Area C Arts and Humanities	**16**
C1 Literature	4
C2 Philosophy: PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division (300-elective)	4
Area D/E Society and the Individual	**16**
D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
Additional GE (if needed)	

- _ = Work in progress
- ( ) = not allowed for degree credit
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification

ELECTIVES **0**