BS COMPUTER SCIENCE

2005-2007 updated 3/05 **Units Required 186**

NAME_____
STUDENT ID_____
CONCENTRATION_____
MINOR_____

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 (89)	*Units*	*Grade*	*GrdPts*
CSC 101 Fund CSC I	4		
CSC 102 Fund CSC II	4		
CSC 103 Fund CSC III	4		
CSC 141 Discrete Structures I	4		
CPE 129 Digital Design	3		
CPE 169 Digital Design Lab	1		
CPE 229/CPE 269 *or* CSC x225	3 1		
CSC 300 Professional Responsibilities	4		
CSC 307 Intro to Software Engrineering ***or*** CSC 308/CSC 309 Software Engr I, II	4 *or* 4/4		
CSC315 Computer Architecture	4		
CSC 349 Des & Analysis of Algorithms	4		
CSC 357 Systems Programming	4		
CSC 430 Programming Languages I	4		
CSC 431 Programming Languages II	4		
CSC 445 Theory of Computing	4		
CSC 453 Intro to Operating Systems	4		
CSC 491 Senior Project I	2		
CSC 492 Senior Project II	3		
[1]Advisor Approved Technical Electives	24/20		
CSC 309 counts as technical elective			

[1]Technical Electives Statement Required[T]

SUPPORT COURSES (52)

BIO 213 ***and***	2
ENGR/BRAE 213 (B2)*.....	2
ENGL 149 Technical Writing for Engineers (A3)*	4
MATH 141 Calculus I (B1)*.....	4
MATH 142 Calculus II (B1)*.....	4
STAT 321 Stat/Prob for Engineers/Scientists (B6)*.....	4
Approved support electives.....	8

Mathematics/statistics electives. Select from CSC 142; MATH 143, 206, 241, 244, 248, 306, 335, 336, 437, 470; STAT 322.....	8
Science elective (Add'1 Area B) Select from* BIO 111, 115, BIO 151; BOT 121; CHEM 124; MCRO 221, MCRO 224; PHYS 131 *(no double counting units)*	4
Physical science electives CHEM 124 (B3/4)*, 125 (Add'1 Area B)*, 129 ***or*** PHYS 131 (B3/4)*, 132 (Add'1 Area B)*, 133.....	12

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
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)	

ELECTIVES **5**

O = Work in progress
( ) = not allowed for degree credit
@ = possible credit by Department review
# = GE Certification