BS COMPUTER SCIENCE

2009-2011 updated 02/25/09 **Units Required 181**

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 GE Met Taken/Remaining [ ] YES [ ] NO

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

***=Courses satisfy GE requirement**

MAJOR COURSES (89)	*Units*	*Grade*	*GrdPts*
CSC 101 Fund Computer Sci I	4		
CSC 102 *or* CPE 108	4		
CSC 103 Fund Computer Sci III	4		
CSC 141 Discrete Structures I	4		
[1]CPE 225 Intro to Computer Org	4		
CSC 300 Prof Responsibilities	4		
CSC 307 Intro to Software Engrineering ***or*** [2]CSC 308/CSC 309 Software Engr I, II	4 *or* 4/4		
CSC 315 Computer Architecture	4		
CSC 349 Des & Analysis Algorithms	4		
CSC 357 Syst Programming	4		
CSC 430 Programming Lang I	4		
CSC 431 Programming Lang II	4		
CSC 445 Theory of Computing	4		
CSC 453 Intro Operating Systems	4		
CSC 491 Senior Project Des Lab I	2		
CSC 492 Senior Project Des Lab II	3		
[3]Advisor approved technical electives	28/24		

SUPPORT COURSES (52)

BIO 213 ***and*** ENGR/BRAE 213 (B2)*	2
	2
ENGL 149 Technical Writing for Engrs (A3)*	4
MATH 141 Calculus I (B1)*	4
MATH 142 Calculus II (B1)*	4
STAT 321 Prob/Stats for Engrs/Scientists (B6)*	4
Approved support electives (See Approved Elective List)	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'l Area B) Select from* BIO 111, 115, 161; BOT 121; CHEM 124; MCRO 221, 224; PHYS 141 *(no double counting units)*	4
Physical science electives (B3/B4) (Add'l Area B)** CHEM 124, 125, 129 ***or*** PHYS 141, 132, 133	12

GENERAL EDUCATION (GE) 40

72 units required; 32 of which are specified in Support.

Refer to current schedule or http://www.ge.calpoly.edu to choose GE courses.
You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300 level

Area A Communication	**8**
A1 ENGL 133/134	4
A2 COMS 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..... 0

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

[1]CPE 129/169 and CPE 229/269 may be substituted for CSC 225.
[2] CSC 309 counts as a technical elective.
Subject to the CSC Department guidelines; contact the College of Engineering Advising Center (*www.eadvise.calpoly.edu*) for additional information and agreement form. Technical electives must be approved in advance.
[3]Technical Electives Statement Required