

FOR TRANSFER TO THE **CIS TRACK** IN COMPUTER SCIENCE AT CSU BAKERSFIELD

BAKERSFIELD COLLEGE COURSE	SATISIFES CSU BAKERSFIELD COURSE
COMS B74b or COMS B74c COMS B25 or ENGR B19C/C++ COMS B35	CMPS 211 CMPS 221 CMPS 222 and CMPS 223
MATH B22 or MATH B1b	MATH 140 or MATH 192 (also covers B4 Goal)
MATH B1a	MATH 190/191
COMS B27 - Assembly COMS B32 - V.B. COMS B34 - Business DBase COMS B36 - Sys. Analysis COMS B41 - Linux Sys. Admin	CIS Elective Credit for CMPS 224 CIS Elective Credit CIS Elective Credit CIS Elective Credit CIS Elective Credit
COMM B1 ENGL B1a PHIL B7 or PHIL B9 or ENGL B2 BIOL B3a or BIOL B11 ECON B1 or ECON B2	A1 Goal A2 Goal A3 Goal B2 Goal D2 Goal
HIST B17a and POLB B1	US History Req't and D3 Goal and State Government Req't

For more information about the General Education Goals, please refer to the full articulation document at:

<http://www2.bakersfieldcollege.edu/counseling/csugened2010-2011.html>

Some Unix experience either before transfer (COMS B41) or after transfer (CMPS 150) is recommended.

AFTER TRANSFER, THE STUDENT WILL NEED TO COMPLETE THE FOLLOWING COURSE WORK

Remaining Lower Division (5) Note: All units shown are **quarter** units

CMPS 295 Discrete Structures

Upper Division (50)

CMPS 312 Algorithm Analysis and Design

CMPS 335 Software Engineering

CMPS 342 Database Systems

CMPS 350 Programming Languages

CMPS 356 Artificial Intelligence

CMPS 360 Operating Systems

CMPS 371 Computer Graphics

CMPS 376 Computer Networks

CMPS 394 Java: Client, Server, and Internet Programming

CMPS 490 Senior Project in Computer Science

Advanced Elective (select 1 course from: CMPS 435, 442, or 456) (5)

Other Electives (select 20 units of approved courses, **subtracting** any CIS Elective units above which were taken at BC) (0-20)

Lower Division General Education (satisfy each **remaining** goal which was not satisfied at BC) (0-25)

B1+B3

C1, C2, C3

D1

Upper Division General Education (15)

Theme II - PHIL 316 (Ethics)

Theme III

Gender, Race, or Ethnicity (GRE)

Note: Degree information is accurate as of May 15, 2011