Bachelor of Science in Computer Science

Flowchart of Coursework -- Academic Year 2009/2010

MATH 211 Calculus I

BIOL 100 Or BIOL 200

Some Programming Experience **

All Required 300 level CSCI Courses

Senior Standing

CSCI 201 Comp Sci I

CSCI 489 Sen Semi

CSCI 488 Ethics

MATH 262 Statistics

PHYS 221 Physics I

MATH 212 Calculus II

Sci Course with Lab

CSCI 202 Comp Sci II

MATH 272 Discrete

PHYS 222 Physics II

MATH 213 Calculus II

CSCI 320 Prog Lang

CSCI 330 Data Struct

CSCI 313 Mach Org

CSCI 310 Digital Log

PHYS 223 Physics III

MATH 372 Combinator

Electives *

Theory Elective

Systems Elective

Hardware Elective

Free Electives

CSCI 431 AlgoAnalys

CSCI 455 Soft Eng

CSCI 350 File System

CSCI 460 Oper Sys

CSCI 401 Architecture

CSCI 500 Int Form Lan

*Electives (20 units):
1. Theory: 4 units chosen from CSCI 501, CSCI 511, CSCI 512, CSCI 515, CSCI 535
2. Systems: 4 units chosen from CSCI 540, CSCI 565, CSCI 570, CSCI 572, CSCI 580
3. Hardware: 4 units chosen from CSCI 510, CSCI 524, CSCI 525, CSCI 530, CSCI 531
4. Free: 8 units chosen from 400- and above level courses not previously counted as electives

**Take CSCI 125 (Visual Basic) if no prior Programming Experience

California State University San Bernardino School of Computer Science and Engineering

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