Prerequisite Diagrams - SJSU BSCS Program

- Previous programming experience & GE Math
- Previous programming in a language other than Java

Math Enrollment Category M-I, M-II, or M-III, or MATH 1

Knowledge of Java equivalent to that obtained in CS 46A or CS 49J

One of CS 46A, CS 49C or CS 49J

Math 30/30X

Math 161A

Math 162

Math 156

Math 179

Math 177

Math 178
Some courses have alternate prerequisites for students coming from other majors. For prerequisites for a particular CS course, check the catalog.

Heavy solid lines represent deep courses. One deep course is required for the BSCS.

Dotted lines represent elective courses.

Most courses in regular solid lines are required for the BSCS.

1. Requires department approval to count as a BSCS elective.
2. Selection by a company and instructor consent are also prerequisites for both CS 190I and CS 190.
3. CS 180, CS 180H and Math 203 may be used as CS electives. Advance approval is required. See the catalog for descriptions of these courses, the CS web site for the petition form for CS 180 and CS 180H, and the BSCS FAQ for approval information about the other courses.
4. Science courses are not represented in the chart. Check the CS web site for the BSCS science requirements.