BS in SE Course Map (with relevant degree requirements)

This map shows the typical course sequences for BS/SE majors. The core CS courses requires a grade of C or higher to advance to the next course. The arrows indicate prerequisite(s) (solid arrows) or co-requisite(s) (dotted arrows).

GSWs and foreign language sequences (4 courses in same language) should be completed in early years. Both MATH1340(3) & 1350(3) or MATH1310(5) can be taken for Calc I req. MATH2470(3), MATH 3410(3), or both BA2110(3) & 2120(3) can be taken for Stat req. MATH electives can be chosen from MATH 2320, 3130, 3280, 3320, 3420, 3430. There are (4)+(4) or (5)+(5) credits natural science lab sequence courses. CS3900(3) is for full-time internships; CS3901(1-2) is for part-time internships. Internships must be pre-approved to get CS internship course credits.

Minimum of 15 credits in MATH required (after MATH1280)

Minimum of 30 credits in MATH and Science combined required (excluding CS courses)

Prepared by Dr. JK Jake Lee (Mar. 28, 2018)