BS in CS Course Map (with relevant degree requirements)
This map shows the typical course sequences for BS/CS 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).

YEAR 1
- CS2010 Prog. Fun.
- MATH 1280 Pre-calc

YEAR 2
- CS2020 Intermed. Prog.
- CS2170/2190 Comp Org
- CS2900 Intern. Prep.
- CS270/3080 OS
- CS3350 Data Struct.
- CS3000 Prof. & Soc. Issue
- MATH 1340 Calc I-1
- Natural Science Lab 1

YEAR 3
- CS3060 Prog. Lang.
- CS3540 Intro. SE
- CS3000 Intern. in CS
- MATH 1350 Calc I-2
- Natural Science Lab 2

YEAR 4
- CS4120 D&A of Algorithm
- CS3900 Intern. in CS
- MATH 2470 Statistics
- MATH 2220 Discrete M.

At least three 4000-level CS electives
At least one 3000-level CS electives

Minimum of 15 credits in MATH required (after MATH1280)
Minimum of 30 credits in MATH and Science required (excluding CS courses)

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.

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