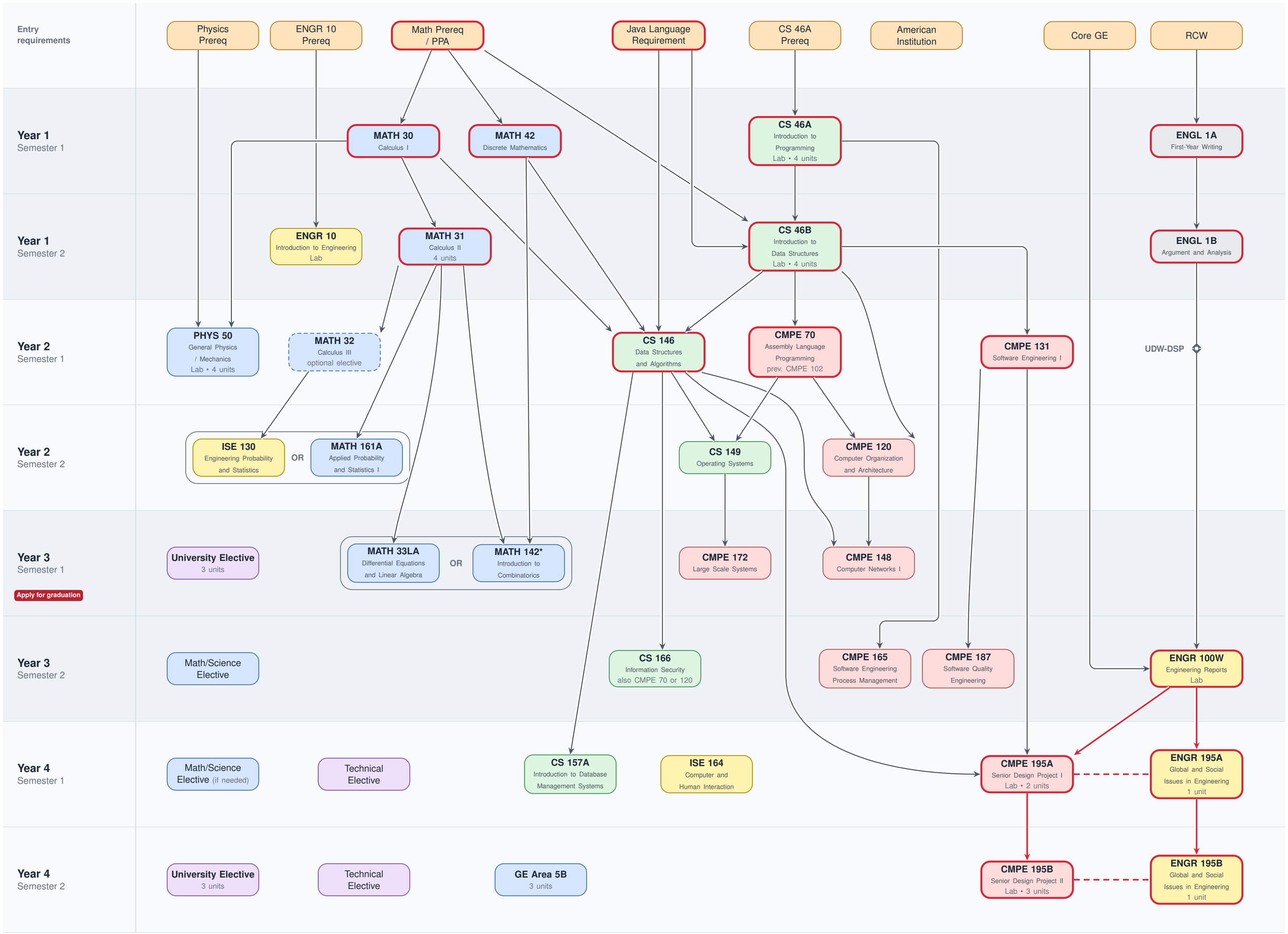
BS in Software Engineering

Prerequisite chart • Fall 2026 catalog



Legend

Prerequisite · Pre/corequisite · Corequisite · Critical path

Engineering · Math & Science · CMPE · CS · Technical & University Electives · Writing · Entry requirement · Optional course

- All courses are 3 units unless noted. **Lab** = lab or course with a lab.
- Grades: MATH 30, MATH 31 and PHYS 50 need a C or better; CMPE/ENGR 195A and 195B need a C or better to count for GE; all other major courses need a C− or better.
- MATH 32 needs a B or better in MATH 31 (or AP Calculus BC score 4–5); with a B− or lower in MATH 31, take MATH 32W alongside MATH 32.
- **Math/Science Electives:** 7 units total from any GE Area 5 course, MATH 32, 108, 115, 126, 142, 150 or 170.
- **MATH 32 is optional**, needed only if you choose ISE 130; it then counts toward the 7 elective units.
- *If MATH 142 is taken instead of MATH 33LA, it cannot also count as a Math/Science Elective (and vice versa).
- UDW-DSP = Upper Division Writing Directed Self-Placement, completed after ENGL 1B and before ENGR 100W.

Last updated: 07/01/2026