

Science course options

- Do not take University Physical Science! Do not take Intro to Physics!
- It is very easy for a Computer Science (major code: 6100) or Software Engineering (code: 6110) major to receive a Math Minor.
- If you are interested in getting a Math Minor, you can take either **CHEM 1103** General Chemistry I or **PHY 1114** General Physics I and Laboratory. If you are good at calculus, you can also consider **PHY 2014**, which is a calculus-based physics course. If you have no strong preference to chemistry, a physics course is preferred since it requires one less hour than chemistry.
- You can then take **MATH 2343** Calculus 4 and another 3/4000-level MATH/STAT elective course (except MATH 3323, or 4843, which are education-oriented and do not count for CS or SE).
- Assuming that you take **PHY 1114** General Physics I and Laboratory plus the two math courses, you get 10 hours and you have satisfied the Elective Science/Math Courses section under the Computer Science/Software Engineering program requirement. You also earn a Math Minor at the same time because the two math courses can be double counted.

New CS/SE science and math requirements for your reference:

Elective Science/Math Courses.....minimum 8 for CS, 9 for SE

Select a minimum of eight hours (a minimum of nine hours for SE) including at least one of the CHEM or PHY lab courses

CHEM 1103 General Chemistry I

CHEM 1112 General Chemistry I Recitation/Laboratory

CHEM 1223 General Chemistry II

CHEM 1232 General Chemistry II Recitation/Laboratory

PHY 1114 General Physics I and Laboratory

PHY 1214 General Physics II and Laboratory

PHY 2014 Physics for Scientists & Engineers I and Lab

PHY 2114 Physics for Scientists & Engineers II and Lab

Any 2/3/4000 level MATH or STAT courses with the following exceptions: MATH 2053, 2113, 2123, 2133, 2153, 2743, 3323, or 4843.