

Suggested sequence of courses for a BS chemistry degree*

Fall First Year	Spring First Year
Chem-141 (Introductory Chem, 1U) Math-211 or 231 (Calculus 1, 1U)	Chem-205 (Organic 1, 1U) Math-212 or 232 (Calculus 2, 1U)
Fall Second Year	Spring Second Year
Chem-206 (Organic 2, 1U) Physics-131 (Physics 1, 1U)	Chem-317 (Inorganic, spring only , 1U) Physics-132, 133 or 134 (Physics 2, 1U)
Fall Third Year	Spring Third Year
Chem-309 (Physical 1, fall only , 1U) ⁺ Chem-300 (Measurement Statistics, fall only , 0.5U) ⁺ Chem-301 (Analysis, fall only , 1.5U) ⁺ Chem-322 (Junior seminar, 0U) [#] Upper division elective ^{&}	Chem-310 (Physical 2, spring only , 1U) ⁺ Chem-314 (Physical Chemistry Lab 1, spring only , 0.5U, first half of semester) ⁺ Chem-315 (Physical Chemistry Lab 2, spring only , 0.5U, second half of semester) ⁺ Chem-322 (Junior seminar, 0U) [#] Upper division elective ^{&}
Fall Fourth Year	Spring Fourth Year
Chem-326 or 327 (Biochemistry, for ACS certification and/or honors, 1U) Chem-421 (Senior seminar, 0U) Upper division elective ^{&}	Chem-422 (Senior seminar, 0.5U) Upper division elective ^{&}

*: 1U of Chem-320 (independent research) is required for the BS major/2U are required for honors in chemistry; students are encouraged to begin taking Chem-320 as early as possible. It may be repeated multiple times.

#: Chem-322 may be taken either semester junior year.

&: 1 unit of elective is required for the BS degree. For honors or ACS certification, biochemistry (chem. 326), in addition to the elective is required. However, we strongly encourage students to explore as many electives as possible. The electives may be taken at any time after pre-reqs are satisfied.

⁺: Physical chemistry and/or analysis (and measurement statistics) may be taken either in the junior or senior years. Decisions of when to take them may be influenced by such factors as studying abroad, the area of your undergraduate research, other majors/minors, and when/if you plan to take the chemistry GRE (30% physical chemistry and 15% analytical chemistry).