

Chemistry Minor

The chemistry minor requires 7 courses including CHEM 107 and CHEM 108 or 5 courses for a student with AP/IB credit.

Students may not take any course pass/fail that is counted towards the minor.

Independent studies do not count towards the minor.

Prerequisites

301 quantum requires math 105, 106 and 205, physics 107 prereq or coreq physics 108

302 statistical thermodynamics requires math 105 and 106, prereq or coreq physics 107

310 biophysical chemistry requires math 105 and 106 and physics 107

S37 requires CHEM 301

S42 requires CHEM 218 and CHEM 215

Chemistry Concentration

(1) CHEM 107A or CH/ES 107B

(2) CHEM 108A or CH/ES 108B

(3) Any two other courses/units, at least one of which must be at the 200-level or above or S42 or S37 and which may include CHEM 217 or CHEM 218 but not both. A departmentally-approved summer research experience may be applied in place of one of these two courses/units. AP credit may not be used in lieu of any of the requirements in (1) or (2) above. Students with AP credit are encouraged to complete a chemistry minor. Biology and neuroscience majors cannot do this concentration and are encouraged to complete a chemistry minor. A departmentally-approved summer research experience may be applied towards this concentration.

General Education Information for the Classes of 2009 and 2010. The following courses may serve as a department-designated set: 107A-108A, 107A-108B, 107B-108A, 107B-108B, 107A-125, 107B-125, 107A-s21, 107B-s21. The following courses and units may serve as partial fulfillment of the natural science requirement as a third course: 125, 199, s21, s22, s23, s28, s32, and s33. The quantitative requirement may be satisfied through any course or unit except 132, s21, or s28. Advanced Placement, International Baccalaureate, or A-Level credit awarded by the department/program may not be used toward fulfillment of any General Education requirements.

Please note: Bio majors are required to take CHEM 107 and 108 and the Chem GEC requires those two courses as well. Since there is a rule that gen ed and majors can overlap by no more than 1 course this makes it impossible for bio majors to do the Chem GEC. We strongly encourage interested bio majors to complete the chemistry minor.