CHEMISTRY - MINOR

Minors are offered in chemistry and in biochemistry. Declaration of a chemistry minor is open to any student enrolled at CU Boulder, regardless of college or school.

Requirements

The College of Arts and Sciences will allow a maximum of 9 hours of transfer credit, including 6 upper-division credit hours, to count toward a minor. Students may only transfer courses through organic chemistry. All courses required for the minor must be completed with a grade of C- or better, and the overall GPA in all CHEM courses taken must be a 2.00.

Students who have taken CHEN 1211 and CHEM 1221 may substitute them for General Chemistry 1. Engineering students who have taken CHEN 4521 may NOT use this to satisfy the physical chemistry requirement.

Select one of the following two options: 5-10

**Option 1:**
- CHEM 1113 & CHEM 1114 General Chemistry 1 and Laboratory in General Chemistry 1
- CHEM 1133 & CHEM 1134 General Chemistry 2 and Laboratory in General Chemistry 2

**Option 2:**
- CHEM 1400 & CHEM 1401 Foundations of Chemistry and Foundations of Chemistry Lab

Select one of the following three options: 10-12

**Option 1**
- CHEM 3311 & CHEM 3321 Organic Chemistry 1 and Laboratory in Organic Chemistry 1
- CHEM 3331 & CHEM 3341 Organic Chemistry 2 and Laboratory in Organic Chemistry 2

**Option 2**
- CHEM 3451 Organic Chemistry for Chemistry and Biochemistry Majors (and CHEM 3321 or CHEM 3361)
- CHEM 3471 Organic Chemistry 2 for Chemistry Majors (and CHEM 3341 or CHEM 3381)

**Option 3**
- CHEM 3451 Organic Chemistry for Chemistry and Biochemistry Majors (and CHEM 3321 or CHEM 3361)
- CHEM 3491 Organic Chemistry 2 for Biochemistry Majors (and CHEM 3341 or CHEM 3381)
- CHEM 4511 Physical Chemistry 1 3

Select one of the following: 3-4
- CHEM 4531 Physical Chemistry 2
- CHEM 4011 Modern Inorganic Chemistry
- CHEM 4171 Instrumental Analysis - Lecture and Laboratory 1

Total Credit Hours 21-29