

Chemistry Minor Requirements

If you have questions about the Chemistry Minor, or would like to declare the minor, please [email or schedule an appointment with a Chemistry Academic Advisor](#).

General Information on the Minor

- **20 Credit Hours** of Chemistry Courses Numbered 1210 or Higher
 - **Lower Division (14 Credits)**, CHEM 1210 & CHEM 1220 are required
 - **Upper Division (6 Credits)**
 - Only 1 credit of CHEM 4800, CHEM 4999, or CHEM 5380 may be used for upper division hrs
- At least 6 Credit Hours Must be Taken in Chemistry at the University of Utah
- Must receive a C- in Chemistry Courses & a Minimum GPA of 2.0
- No exceptions will be made for courses taken outside of chemistry unless they are cross listed.

Lower-Division Chemistry Course Options

Course #	Course Name	Credit Hours	Semester Offered
CHEM 1210/1211	General Chemistry 1	4	F/S/Su, Honors F
CHEM 1215	General Chemistry 1 Lab	1	F/S/Su
CHEM 1220/1221	General Chemistry 2	4	F/S/Su, Honors S
CHEM 1225	General Chemistry 2 Lab	1	F/S/Su
CHEM 2310/2311	Organic Chemistry 1	4	F/S/Su, Honors F
CHEM 2315	Organic Chemistry 1 Lab	2	F/S/Su
CHEM 2320/2321	Organic Chemistry 2	4	F/S/Su, Honors S
CHEM 2325	Organic Chemistry 2 Lab	2	F/S/Su

Upper-Division Electives (Chemistry Focus)

Course #	Course Name	Credit Hours	Semester Offered	Math Needed
CHEM 3000	Quantitative Analysis	4	F/S	Calc II
CHEM 3060	Quantum Chemistry	4	F/S	Calc III
CHEM 3070	Thermochemistry	4	F/S	Calc III
CHEM 3090	Physical Chem: Life Sci	4	S	Calc III
CHEM 3100	Inorganic Chemistry	4	F	Calc III
CHEM 3130	Solid State Chemistry	2	S	N/A
CHEM 3200	Radiochemistry	3	F	Calc II
CHEM 5300	Polymers Chemistry	2	S	N/A
CHEM 5370	Chem Education Res	2	S	N/A
CHEM 5640	Materials for Energy	2	F	N/A
CHEM 57XX	Advanced Chemistry Lab	2	F/S	See Catalog

Upper-Division Electives (Biochemistry Focus)

Course #	Course Name	Credit Hours	Semester Offered	Math Needed
CHEM/BIOL 3510	Biochemistry 1	3	F/S/Su	N/A
CHEM/BIOL 3515	Biochemistry Lab	3	S/Su	N/A
CHEM/BIOL 3520	Biochemistry 2	3	S	N/A
CHEM/BIOL 3525	Mol Biology DNA Lab	3	F	N/A
CHEM 5200	Organic Synthesis I	2	F	N/A
CHEM 5240	Physical Organic Chemistry	2	F	N/A
CHEM 5250	Organic Rxn Mechanisms	2	F	N/A
CHEM 5270	Organic Spectroscopy I	2	F	N/A
CHEM 5430	Chem Biology of Protein	2	F	N/A
CHEM 5450	Biophysical Chemistry	2	S	N/A
CHEM 5460	Protein Chemistry	2	F	N/A
CHEM 5470	Nucleic Acid Chemistry	2	S	N/A

University General Catalog (Chemistry Minor) - <https://catalog.utah.edu/programs/CHEMMIN>