

## Minor in Chemistry

The minor in Chemistry consists of a year of General Chemistry plus student selection from a variety of upper division courses. The minor is open to all undergraduates *except* Chemistry majors. It should be of value to students majoring in fields related to chemistry such as biology, the earth sciences, physics, and pre-professional programs in the health sciences and engineering. Students planning to complete requirements for a minor must make all arrangements with the Chairman of the Chemistry Department. A total of 18 semester hours is required for the Chemistry minor.

### Basic Requirement

Course	Title	Pre(co)requisite	Hours
Chem 111	General Chemistry I	H.S. chem	4
Chem 112	General Chemistry II	Chem 111	4

### Selection

Chem 214	Environmental Chem	Chem 111-112	3
Chem 221	Organic Chemistry I	Chem 112	4
Chem 226	Elementary Organic Chem	Chem 112	4
Chem 241	Descriptive Inorganic Chem	Chem 111-112	2
Chem 315	Environ. Health Chem	Chem 221	3
Chem 322	Organic Chemistry II	Chem 221	4
Chem 323	Advanced Organic Chem	Chem 322	3
Chem 324	Physical Organic Chem	Chem 322	3
Chem 325	Industrial Organic Chem	Chem 322	2
Chem 330	Introductory Biochemistry	Chem 226	4
Chem 331	Biochemistry I	Chem 322	4
Chem 332	Biochemistry II	Chem 331	4
Chem 333	Macromolecular Biochem	Chem 221	3
Chem 242	Inorganic Chemistry Lab	Chem 241	1
Chem 342	Theories of Inorganic Chem	Chem 352	3
Chem 350	Elementary Physical Chem	Phys 204, Chem 221	3
Chem 351	Physical Chemistry I	Phys 204, Chem 361 Math 275 or 276	4
Chem 352	Physical Chemistry II	Phys 204, Chem 351	4
Chem 353	Physical Chemistry III	Chem 352, Diff. Eqn. rec.	3
Chem 361	Analytical Chemistry I	Phys 203, Chem 322	4
Chem 362	Analytical Chemistry II	Chem 361, Chem 352	4
Chem 399	Independent Study in Chem	Permission	1-3

### Notes:

- Up to 8 hours of approved chemistry courses can be transferred from another institution.
- College rules pertaining to curriculum majors also apply to curriculum minors. (A GPA of 2.0 must be earned in courses applied to the minor. No Pass/Fail option. Residence requirements.)