

## Minor in Chemistry

Students majoring in areas other than chemistry and biochemistry may satisfy requirements for a minor concentration in chemistry by completing a minimum of 24 credit hours of chemistry with grades of "C-" or better with an overall minor GPA of 2.0 or higher.

### **Required Courses:**

Chem 160 & 161	Chemical Structure and Properties Lecture & Laboratory	4 credits
Chem 180 & 181	Chemical Reactivity I Lecture & Laboratory	4 credits
Chem 240 & 241	Chemical Reactivity II Lecture & Laboratory	4 credits
Chem 260	Quantitative Methods in Chemistry	3 credits
Chem 272	Analytical Chemistry Laboratory	2 credits
Chem 280	Environmental & Chemical Analysis	3 credits

**Subtotal: 20 credit hours**

**Plus 4 additional credit hours at the 300 level are required. For example, from Chem 300\*, 361, 380\*, 395 and 399\*.**

**Total: 24 credit hours**

*In conjunction with updated policies for majors and minors in the College of Arts and Sciences, not less than 8 credit hours must be unique to obtain a chemistry minor; that is, the courses in question are considered as actually fulfilling requirements of one minor, not of more than one minor and/or major. FOR EXAMPLE: If your major requires CHEM 272, 280 and 361, then to obtain a chemistry minor, one must still take an additional 8 credits of CHEM classes that are NOT required for your major (or other minors).*

**\*NOTE:** Only 1 credit hour of Chem 300 (Undergraduate Research), only 1 credit hour of Chem 380 (Chemistry Seminar) and only 1 credit hour of Chem 399 (Internship in Biochemistry or Chemistry) will be accepted toward the minor.

*No more than 12 hours total can be transferred in for the minor from other institutions.*

Because of nearly complete overlap, the following degree combinations are not allowed from the Department: BS Chemistry Major with BS Biochemistry Major, BS Biochemistry Major with BA Chemistry Major, BS Chemistry Major with BA Chemistry Major, and no Chemistry Major may be paired with a Chemistry Minor. Other majors, e.g. Forensic Science Majors or Biology Majors, that require substantial chemistry coursework, may still earn a minor as long as 8 additional, unique credits are completed that are not also counted toward any other major or minor requirements.

Permission must be granted to count courses that are restricted to Biochemistry (BIOC) majors.