Chemistry Minor

Students interested in Chemistry may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. Biology majors, who are already required to complete the general and organic chemistry sequences, would only need an additional six to eight credits to earn a Chemistry minor. The minor in Chemistry requires that students complete eight courses and labs for a total of 22-24 credits. Eight of these credits may also be used to satisfy General Education requirements. The remaining 14-16 credits are in addition to any course used for General Education.

REQUIREMENTS:

Complete the following two courses (eight credits) to fulfill the Natural Science Sequence requirement in General Education:

- CHEM 0110  General Chemistry 1
- CHEM 0120  General Chemistry 2

Complete the following lectures and labs for eight credits:

- CHEM 0310  Organic Chemistry 1
- CHEM 0330  Organic Chemistry 1 Lab
- CHEM 0320  Organic Chemistry 2
- CHEM 0340  Organic Chemistry 2 Lab

Complete six to eight additional credits in Chemistry or Biochemistry by selecting one or more of the following:

- CHEM 0250/0260  Intro. Analytical Chem. w/Lab
- CHEM 1055  Intro to Envirorn. Chem.
- CHEM 1130  Inorganic Chem.
- CHEM 1250/1255  Instrumental Analysis w/ Lab
- CHEM 1275  Intro to Chemometrics
- CHEM 1380  Techniques of Organic Res.
- CHEM 1311  Adv. Organic Chemistry
- CHEM 1410  Physical Chemistry 1
- CHEM 1420  Physical Chemistry 2
- CHEM 1430  Physical Chemistry Lab
- CHEM 1461  Computational Chemistry
- BIOSC 1810  Macromolecular Structure & Function
- BIOSC 1820  Metabolic Path. and Reg. (1810 pre-reg.)
- BIOSC 1825  Biochemistry Lab. (1810 pre-reg.)
- BIOSC 1580  Biochem.Sem. (1000 or 1810 pre-reg.)

NOTE: Courses used to satisfy the Biology major requirements cannot be used to satisfy the Chemistry minor.
Each course for the Chemistry minor must be completed with a grade of C- or better.

Fall 2019