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 1035  Intro to Environ. Chem,
CHEM 1130  Inorganic Chem.
CHEM 1250/1255  Instrumental Analysis w/ Lab
CHEM 1275  Intro to Chemometrics
CHEM 1330  Medicinal Chemistry
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
CHEM 1720  Undergrad Teaching Exp.  (1 credit max)
BIOSC 1810  Macromolecular Structure & Function
BIOSC 1820  Metabolic Path. and Reg.  (1810 pre-req.)
BIOSC 1825  Biochemistry Lab.  (1810 pre-req.)
BIOSC 1580  Biochemistry Sem.  (1000 or 1810 pre-req.)

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.