

CHEM 100

Preparation for General Chemistry

General chemistry is NOT an introductory course. A background in basic chemistry concepts and an ability to solve simple algebra problems is assumed. This background can be established by passing the Chemistry Departmental Pretest by appointment in S423 or by taking CHEM 100. Visit the Chemistry Department website to obtain information or contact us for details.

CHEM 100 is not a general studies area course. Review for the Pretest includes the following topics:

Measurements- significant figures and scientific notation & metric (SI) units

Matter, Changes & Energy

Elements and Compounds

The Atom & Periodic Table

Formulas and Names of Compounds

Modern Atomic Theory- electron configuration, periodic properties

Ionic and Covalent bonding

Electronegativity and geometry

Chemical Reactions

Quantitative Relationships- moles

Empirical and molecular formulas

Stoichiometry