

CHEM100 : Introduction to College Chemistry

Study of the basic principles of chemistry for the student with little or no chemistry background. Topics include: mathematics review, significant figures, scientific notation, scientific method, the metric system, problem solving, dimensional analysis, classification of matter, chemical bonding, atomic theory, stoichiometry, gas laws, solution chemistry, acid-base reactions, and equilibrium reactions. Topics are introduced in the lecture and reinforced in the laboratory. This course is appropriate for students in health sciences, pre-science, or non-science curricula. Will not serve as a prerequisite for upper-level chemistry offerings.

Meets General Education requirement for Science.

Credits 4

Lecture Hours 3

Lab/Clinical/Field Study Hours 3

Prerequisites

ENGL080 and MATH073 or MATH074 or MATH099 with a grade of C or better or Placement test score or SAT score. This is a one-semester course for non-science majors.