
COURSES

CHEMISTRY

CH150 Chemistry in Society**5.0 UNITS**

As a non-science major, you will be presented chemistry in order to function and make decisions in a society shaped by science and technology. This course encourages chemistry knowledge in the context of environmental concerns, health and wellness, technology, and other current issues.

CH176 Fundamentals of Chemistry**5.0 UNITS**

You will apply the basic principles, laws, and theories of chemistry. The course is designed for the student needing five or more hours of general chemistry and is recommended if you are a certain student of agriculture, home economics, nursing, biology, and general education.

CH177 Chemistry I w/Lab**5.0 UNITS**

Prerequisite or corequisite: MA177/Intermediate Algebra. You will develop a working knowledge of chemical principles for subsequent courses. This course is the first in a two-semester series and is designed for students of chemistry, biological science, pre-pharmacy, pre-veterinary, pre-medicine, pre-dentistry, and medical technology.

CH178 Chemistry II w/Lab**5.0 UNITS**

Prerequisite: CH177/Chemistry I. This course is a continuation of Chemistry I in which you will focus on the topics of electrochemistry, thermodynamics, chemical kinetics, chemical equilibrium, and acids and bases. Other topics that may be covered are environmental chemistry, nuclear chemistry, organic chemistry, polymers, and coordination chemistry.

CH225 Organic Chemistry I w/Lab**5.0 UNITS**

Prerequisite: CH178, Chemistry II or concurrent enrollment. This course is the first of a two-semester sequence in organic chemistry where you will focus on organic structure and bonding, isomerization, chirality, conformation, alcohols, alkanes and alkenes, and alkynes. This course is for those of you wanting to study chemistry, biological sciences, pre-pharmacy, pre-veterinary, pre-medicine, pre-dentistry, and medical technology.

CH235 Organic Chem II (w/Lab)**5.0 UNITS**

Prerequisite: CH225/Organic Chemistry I. This course is a continuation of Organic Chemistry I and will further your understanding of organic chemistry mechanisms and includes a discussion of oxidations, reductions, carbonyl chemistry, and organic acids and acid derivatives. Additional topics may include applications to biochemistry including a study of carbohydrates, amino acids, proteins, lipids, and nucleotides.