

# CHEMISTRY (CHM)

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**CHM 150: General Chemistry I (3 credits)**

The General Chemistry 1 course is focused on the basic principles of chemistry with an emphasis on inorganic chemistry. Topics include: atomic structure, concentrations and molarity, chemical reactions, and energy states. It is the first in a two-part series of courses.

*Prerequisite: MAT 112*

**CHM 150L: General Chemistry I Lab (1 credits)**

The General Chemistry 1 Lab course will support learning of the basic principles of inorganic chemistry through hands on and simulated (virtual) lab experiments. Lab activities include: atomic structure, concentrations and molarity, chemical reactions, etc. This course is taken concurrently with CHM 150. Please note that lab supplies required by this online course take time to order and ship. If you choose to enroll in this course, it is your responsibility to make sure that you follow up on lab related communications as needed in order to secure your lab supplies in a timely fashion. Adding this course to your schedule after the start of class may result in obtaining your lab supplies late.

*Lab fee: \$200*

*Corequisite: CHM 150*

**CHM 152: General Chemistry II (3 credits)**

The General Chemistry 2 course expands on the basic principles of chemistry introduced in the first course in this two-part series, General Chemistry 1. Topics include: intermolecular forces, phase transitions, reaction kinetics and equilibrium, etc.

*Prerequisite: CHM 150*

**CHM 152L: General Chemistry II Lab (1 credits)**

The General Chemistry 2 Lab course will support learning the basic principles of chemistry through hands on and simulated (virtual) lab experiments. Lab activities will include: phase transitions, reaction kinetics and equilibrium, etc. This course is taken concurrently with CHM 152. Please note that lab supplies required by this online course take time to order and ship. If you choose to enroll in this course, it is your responsibility to make sure that you follow up on lab related communications as needed in order to secure your lab supplies in a timely fashion. Adding this course to your schedule after the start of class may result in obtaining your lab supplies late.

*Lab fee: \$245*

*Corequisite: CHM 152*

**CHM 230: Principles of Organic Chemistry (3 credits)**

This introductory course covers a range of fundamental organic chemistry topics. These include basic nomenclature, functional groups and their relationship to reactivity, stereochemistry, and reaction mechanisms and intermediates.

*Prerequisite: CHM 152*

**CHM 230L: Principles of Organic Chemistry Lab (1 credits)**

In this laboratory course, students will experience the process of organic chemical synthesis, isolation of organic compounds, interpret and analyze experimental data, and learn organic chemistry problem solving skills. Please note that lab supplies required by this online course take time to order and ship. If you choose to enroll in this course, it is your responsibility to make sure that you follow up on lab related communications as needed in order to secure your lab supplies in a timely fashion. Adding this course to your schedule after the start of class may result in obtaining your lab supplies late.

*Lab fee: \$270*

*Corequisite: CHM 230*