

## CHM – Chemistry

### **CHM 105 Gen Organic and Biochemistry** 3-3-4

This course is a study of the fundamental principles of chemistry, including atomic and molecular structure, common substances and reactions, introduction to organic chemistry and biochemistry.

### **CHM 110 College Chemistry I** 3-3-4

This is the first course in a sequence which includes the following topics: atomic and molecular structure, nomenclature and equations, properties, reactions and states of matter, stoichiometry, gas laws, solutions, and equilibria.

### **CHM 111 College Chemistry II** 3-3-4

**Prerequisites:** CHM 110

(For students continuing in chemistry) this course is a continuation of the study of atomic and molecular structure, nomenclature and equations, properties, reactions and states of matter, stoichiometry, gas laws, solutions, and equilibria. Other topics included are kinetics, thermodynamics, and electrochemistry.

### **CHM 211 Organic Chemistry I** 3-3-4

**Prerequisites:** CHM 111

This is the first in a sequence of courses that includes nomenclature, structure and properties, and reaction mechanisms of basic organic chemistry.

### **CHM 212 Organic Chemistry II** 3-3-4

**Prerequisites:** CHM 211

This course is a continuation of basic organic chemistry. Topics include nomenclature, structure and properties, reaction mechanisms of basic organic chemistry, biochemistry, and spectroscopy.