

CHEMISTRY (CHM)

CHM153 General Chemistry I w/Lab (4 course hours)

An exploration into the structure and interactions of matter. Appropriate for SCM majors, pre-medical, pre-physician assistant, pre-dental, pre-physical therapy, pre-veterinary and pre-engineering students and Physical Science Education students. Lecture and Lab. REGISTRATION: Recommended 2 years of high school chemistry, a Math ACT score of 22 or higher, or MAT211 as a co-req

Course offered: FA

CHM154 General Chemistry II w/Lab (4 course hours)

An exploration into the structure and interactions of matter. Appropriate for SM majors, pre-medical, pre-dental, pre-nursing, and pre-engineering students and Physical Science Education students. Lecture and Lab.

Pre-requisites: CHM153

Course offered: SP

CHM154H General Chemistry II w/Lab - Honors (4 course hours)

An exploration into the structure and interactions of matter. Appropriate for SM majors, pre-medical, pre-dental, pre-nursing, and pre-engineering students and Physical Science Education students. Lecture and Lab.

REGISTRATION: This section is designed for students admitted into the Judson Honors Program only

Intended for Honors Program students only

Pre-requisites: CHM153

Course offered: SP

CHM255 Analytical Chemistry w/Lab (5 course hours)

The theory and practice of the analysis of inorganic, organic, and biochemical samples including classical and modern approaches. Lecture and Lab.

Pre-requisites: CHM154

Course offered: SP (odd yrs)

CHM257 Organic Chemistry I w/Lab (5 course hours)

A detailed study of the structure and reactions of organic compounds, including reaction mechanisms, energy considerations and applications of molecular spectroscopy. Lecture and Lab.

Pre-requisites: CHM154

Course offered: FA

CHM258 Organic Chemistry II w/Lab (5 course hours)

A detailed study of the structure and reactions of organic compounds, including reaction mechanisms, energy considerations and applications of molecular spectroscopy. Lecture and Lab.

Pre-requisites: CHM257

Course offered: SP

CHM355 Physical Chemistry I (3 course hours)

The physical and mathematical basis for the laws, hypotheses, and theories underlying chemistry.

Pre-requisites: CHM154 and MAT216 and PHY238

Course offered: FA (even yrs)

CHM356 Physical Chemistry II (3 course hours)

The physical and mathematical basis for the laws, hypotheses and theories underlying chemistry.

Pre-requisites: CHM355

Course offered: SP (odd yrs)

CHM495 Chemistry Practicum (1-6 course hours)

Significant laboratory or literature research.

Per of Instruc Required