

CHEM 431: Physical Chemistry I

Introduces a calculus-based approach to the study of chemistry. Topics include the kinetic theory of gases, equations of state, thermodynamics, phase equilibria, mixtures, chemical equilibria, and equilibrium electrochemistry.

Credits: 3

Prerequisites:

MATH 231, 232, CHEM 111, PHYS 212 or 232.

Co-Requisites:

CHEM 431 Laboratory.

Program: Chemistry