

CHEM 320 : Physical Chemistry I with Biological Applications

This course is an introduction to the nature of thermodynamics and kinetics including equilibrium and rate transport processes. The focus is on applications of physical concepts to systems, especially those of biochemical and biological interest. Studies of chemical and phase equilibria are investigated thoroughly, and kinetic processes including Michaelis-Menton kinetics as well as transition state theory complete the course. (This course may be taken for credit as

[BIOL 320](#)

.)

Credits 4.0

Prerequisites

CHEM 212 and MATH 202 or permission of the instructor