

Course Schedule - Spring 2006

Chemistry

442 *Physical Chemistry I* Credit: 4 hours.

Lectures and problems focusing on microscopic properties. CHEM 442 and CHEM 444 constitute a year-long study of chemical principles covering topics such as quantum chemistry, atomic and molecular structure and spectra, statistical thermodynamics, properties and thermodynamics of materials in gases, solids, and liquids, and chemical kinetics and equilibria. Credit is not given for both CHEM 442 and PHYS 427. Prerequisite: CHEM 204, CHEM 121, or CHEM 222; MATH 225 or MATH 415, and a minimal knowledge of differential equations, or equivalent; and PHYS 211, PHYS 212, and PHYS 214 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
32679	lecture	A	10:00 AM - 10:50 AM	MWF	room 161 Noyes Laboratory	Luthey-Schulten, Z