

CHEMISTRY 150
FUNDAMENTALS of GENERAL and
BIOLOGICAL CHEMISTRY

COURSE TOPICS: The *Chapter* designation in the following list of course topics refers to the Stoker text. The *Number of Classes* for each *Chapter* is approximate. Please refer to the CHEM 150 course outline for testing dates.

<i>Chapter</i>	<i>Chapter Title</i>	<i>Number of Classes*</i>
Chapter 1:	Measuring matter and energy	4 classes
Chapter 2:	Atomic structure and nuclear radiation	4 Classes
Chapter 3:	Compounds and molecules	4 Classes
Chapter 4:	Chemical quantities and chemical reactions	5 Classes
Chapter 5:	Changes of state and the gas laws	4 Classes
Chapter 6:	Organic chemistry : hydrocarbons	6 Classes
Chapter 7:	Organic chemistry and biomolecules	6 Classes
Chapter 8:	Mixtures, solution concentrations, and diffusion	5 Classes
Chapter 9:	Acids and bases	4 Classes
Chapter 10:	The reactions of organic functional groups in biochemistry	5 Classes
Chapter 11:	Carbohydrates: structure and function	4 Classes
Chapter 12:	Lipids: structure and function	3 Classes
Chapter 13:	Proteins: structure and function	4 Classes
Chapter 14:	Nucleotides and nucleic acids	4 Classes
Chapter 15:	Energy and metabolism	4 Classes