



CHM 116: Health Science Chemistry II

This course is a continuation of CHM 115. Topics include: an introduction to the chemistry of carbon; the hydrocarbons; organic functional groups (their structural and functional characteristics); the relationship of these functional groups to the chemistry of carbohydrates, lipids, proteins, and nucleic acids; protein synthesis; and metabolism. The metabolic pathways of fermentation, glycolysis, the citric acid cycle and the utilization of carbohydrates, lipids, and proteins by these metabolic pathways are discussed. Three class hours and three laboratory hours a week. Spring

Credits: 4

Prerequisites:

CHM 115 or its equivalent, as determined by the department.

Subject: Chemistry

Instructional Support Fee Applies