

CHE 301: Biochemistry I

This course will provide an introduction to biochemistry and cell biology, building on the fundamental concepts from biology and chemistry. The structure and function of amino acids, proteins, carbohydrates, nucleotides and lipids will be covered. Fundamental concepts of cellular structure and function will be reinforced. Understanding of acid-base equilibrium will be extended to biological systems. Enzyme kinetics, catabolic and anabolic pathways associated with glycolysis will be introduced. Proton, electron transport as well as oxidation-reduction will be covered. Three lecture hours and three laboratory hours per week. This course is the same as BIO 301. No credit will be awarded to students who have taken BIO 301.

Credits: Credits 4

Notes:

Notes

PETH for Chemistry majors.

Prerequisites:

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BIO 121 with grade of "C" or better; CHE 232 or permission of instructor

Semester Offered:

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Offered fall semester.