

## BMS 434: Biochemistry II Metabolic Pathways & Clinical Applications

This course is a study of detailed metabolic processes that includes lipids, amino acids, carbohydrates, glycolysis, the citric acid cycle, and oxidative phosphorylation. Throughout the course, the emphasis is placed on the regulation of metabolic pathways and on their interrelationships in health and disease. A number of disease states are used to illustrate selected principles in clinical and research settings. Three hours of lecture per week.

Credits: 3

Prerequisites: BIO 343

Program: **Biomedical Sciences**