

GENE-219: Intro to Biochemical Genetics

This course is designed as an introductory course in biochemistry with special emphasis on those areas of biochemistry that are especially relevant to genetics and human genetics. The course is team-taught using faculty members and guest lecturers who have particular interest or training in each topic to be covered. The course is organized around four major units: Proteins and Enzymes, Nucleic Acids, Hormones, and Metabolism. The course is designed to develop a students'; recall of cellular biochemistry, knowledge base of the relationship between the genetic code and the translation of biochemical pathways in disease pathology, comprehension of the relationship between pathological genetic changes to the biological process that cause human disorders.

Credits: 6

Program: Genetics