

BG 350 - Human Genetics

3 Credit Hours

This course introduces the study of biological inheritance in humans. the fundamental knowledge about organization, expression, and inheritance of the human genome. Beginning with a review of classical Mendelian genetics and human genetic (pedigree) analysis, students will explore the genetic basis of human individual differences, gene frequencies in human populations, human behavioral genetics, human cytogenetics, biochemical genetics and developmental genetics, medical genetics, the human genome project, and discussions about genetic screening and gene therapy.

Prerequisites

[BG 220](#)