

GENE-224: Human Genetics II

This course is a continuation of Human Genetics I. This course will cover a minimum of 30 multifactorial phenotypes (congenital malformations and late onset disorders). This course distinguishes and characterizes each of the models of inheritance as it pertains to relationships between genes and phenotype. It's designed to cover principles of multifactorial or polygenic models for estimating empiric recurrence probabilities, correlations between genetic and environmental factors of phenotypic value and heritabilities. One goal is to identify the spectrum of approaches currently envisioned for medical intervention in genetic disorders.

Credits: 3

Program: Genetics