

GENE-223: Human Genetics I

The course is distributed over two semesters as Human Genetics I & II. This course offers a careful study of the conceptual terrain for the discipline to develop a working familiarity with many of the central concepts in contemporary human genetics, recognize the roles of technology and human values in shaping the central concepts, develop proficiency in analyzing models of heritable variation and corresponding phenotypic expression, and their distributions in pedigrees and populations, and to identify evidence for interactions between gene expressions and environment to yield phenotypes. The course format combines lecture, discussion, assigned readings to provide further content depth and breadth

Credits: 3

Program: Genetics