



Zarqa University

Faculty of Allied Medical Sciences

Department of Medical Technology

0701234

Human Genetics

The course will introduce students to fundamental concepts in genetics including cell cycle, Mendelian inheritance, chromosomes, genes, genetic linkage, DNA structure, replication, transcription, and translation. Various genetic abnormalities and mutations, Hardy-Weinberg equilibrium, genetics of cancer, genetic engineering, gene and protein therapy; technical, ethical and legal aspects of the human genome project will all be considered.