

Syllabus

ZOO 551 Advanced Genetics 3 (2+0+1 Male) (2+0 Female)

Contents: Mutations, recombination in bacteria, transposable of genetic material. Genetic control of the immune response and cell division (oncogenes and proto- oncogenes). Important studies in genetics such as the experiments of Lederberg and Tatum, Hershey and Chase, Melson and Stahl. Chargaff's Rules and Griffin experiments. Watson and Craig contributions in discovery of the DNA structure.