

BIO 130: Genetics and Evolution

Have you ever wondered about DNA and how slight alterations to the genetic code have produced the amazing variety of life forms that inhabit our planet? This class will explore exciting topics in both genetics and evolutionary biology, some of which include: the genetics of cancer, reproduction and inheritance, epigenetics, GMOs, DNA forensics, antibiotic resistance, evolution of the “fat gene,” and how to build evolutionary trees. Students will explore these topics through lectures, case study work, and hands-on laboratory exercises. Not open to students who are enrolled in or who have taken and passed IBC 200 with at least a grade of C- or P.

Units: 3

Program: [Biology](#)[Biological Science](#)