

BIO 312: Behavioral Neuroscience

The objectives of this course are to introduce students to the theories and empirical research currently addressing the neuronal basis of human behavior. This combination lecture/seminar-based course, including bioinformatics research projects, will provide introductions to the basic concepts of brain neuroanatomy and biochemistry, molecular neurogenetics, evolutionary psychology, and human genomics, with readings and discussions from selected books, reviews and research articles. Emphasis will be placed on how disruptions of typical brain function, resulting in disorders such as autism, Alzheimer's, schizophrenia, and depression, can reveal how the brain mediates our most fundamental experiences.

Units: 3

Prerequisites:

CHEM 150

IBC 200