

BIOL 4336 : Cells, Genes and Molecules

Cells, Genes and Molecules is a course that will address the latest advances in genetics, investigate developmental mechanisms, and explore human genetic disorders by understanding the underlying connection between genes, and the molecular and biochemical basis for the pathogenesis and pathophysiology of clinical disorders. Observations and phenomena will be described as they were discovered in a variety of model organisms, including humans, mice, nematodes, fungi, and fruit flies. The format of the course will be a combination of lectures, discussion of current literature, and group problem-solving sessions. The course will also feature presentations by guest speakers from Houston's world-class Medical Center.

Credits 3

Course ID

008136

Requisites

[BIOL 4336](#) Prerequisites: [BIOL 3321](#), 3334, 3351

Semester Offered

Spring semester