BIOL 445: Eukaryotic Gene Expression

Explores gene function and expression and omics data analysis in genomics, epigenomics, transcriptomics, proteomics, metabolomics and other 'omics fields. Includes practical experience in the application of state-of-the-art 'omics and machine learning tools to bioinformatics and biomedical research.

Credits: 4

Prerequisites/Permissions:
Prereq: BIOL 200 Genetics Lec/Lab and (BIOL 320, 419, 430 or CSCI 100)

Program:

Biology

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World
ELO #4: Intellectual and Practical Skills