

# **BME 370: Intro to Bioinformatics & Biostatistics**

## **Biomedical Engineering**

Principles of bioinformatics analysis applied to translational biomedical studies. Application topics include genomic data analysis, biomarker development, statistical modeling, machine learning, and clinical trial design.

3 Credits

### **Prerequisites**

- [Csci 256: Programming in Python](#) \$target.descriptions.MinimumGrade\$
- [Math 353: Elementary Differential Equations](#) \$target.descriptions.MinimumGrade\$

### **Instruction Type(s)**

- Lecture: Lecture for BME 370

### **Subject Areas**

- [Biomathematics, Bioinformatics, and Computational Biology, Other](#)

### **Related Areas**

- [Bioinformatics](#)
- [Biometry/Biometrics](#)
- [Biostatistics](#)
- [Computational Biology](#)

