

# **BME 370: Intro to Bioinformatics & Biostatistics** <u>Biomedical Engineering</u>

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
- <u>Math 353: Elementary Differential Equations</u>

### Instruction Type(s)

• Lecture: Lecture for BME 370

## **Subject Areas**

• Biomathematics, Bioinformatics, and Computational Biology, Other

#### **Related Areas**

- <u>Bioinformatics</u>
- Biometry/Biometrics
- Biostatistics
- <u>Computational Biology</u>

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