

## **Biomedical Engineering**

**Overview** 

**Programs** 

Courses

**Faculty** 

## Courses

- BME 200: Introduction to Biomedical Engineering
- BME 222: Biomaterials
- BME 301: Bioinstrumentation
- BME 305: Bioengineering Thermodynamics & Kinetics
- BME 311: Biomechanics
- BME 313: Physiology for Biomedical Engineering
- BME 314: Biomedical Measurement
- BME 315: Physiology for Biomedical Engineering II
- BME 320: Bioseparations
- BME 333: Biological Transport
- BME 350: Immunoengineering
- BME 353: Biodevices Design & Development
- BME 370: Intro to Bioinformatics & Biostatistics
- BME 411: Tissue Mechanics
- BME 413: Biomedical Signal Processing
- BME 444: Biomedical Controls
- BME 461: Biomedical Engineering Senior Design I
- BME 462: Biomedical Engineering Senior Design II
- BME 501: Computational and Systems Biomedicine
- BME 510: Drug and Gene Delivery
- BME 511: Computational Biomechanics
- BME 520: Biochemical Process Engineering
- BME 522: Immunoengineering
- BME 523: Molecular and Cellular Biophysics
- BME 524: Microscopy for Engineers
- BME 600: Graduate Professional Development
- BME 601: Biomedical Engineering Seminar