

Biomedical Engineering

Overview Programs Courses **Faculty**

Courses

- BME 200: Introduction to Biomedical Engineering
- BME 222: Biomaterials
- BME 256: Programming for Biomedical Engineering
- 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 322: Sensors and Nanodevices in BME
- **BME 333: Biological Transport**
- **BME 350: Immunoengineering**
- BME 353: Biodevices Design & Development
- BME 370: Intro to Bioinformatics & Biostatistics
- BME 400: Biomedical Engineering Seminar
- **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

