

## **BME 311: Biomechanics**

### **[Biomedical Engineering](#)**

This course includes an introduction to functional and applied anatomy of the musculoskeletal system to create a better understanding of human movement as a mechanical system. A review of current analysis techniques in the field of biomechanics, including 2D and 3D kinematic motion capture and kinetic analysis, will be used to highlight clinical rehabilitation as well as orthopedic device design.

3 Credits

### **Prerequisites**

- [Bisc 162: Biological Sciences II](#)
- [Engr 309: Statics](#)

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

- Lecture: Lecture for BMS 311

### **Subject Areas**

- [Bioengineering and Biomedical Engineering](#)

