

# BME/ME 552 : Tissue Mechanics

This biomechanics course focuses on advanced techniques for the characterization of the structure and function of hard and soft tissues and their relationship to physiological processes. Applications include tissue injury, wound healing, the effect of pathological conditions upon tissue properties, and design of medical devices and prostheses.

**Department**

Biomedical Engineering

Mechanical Engineering

**Credits** 3.0**Prerequisites**

An understanding of basic continuum mechanics