

Course Number

BME-338-01

Course Description

This course will focus on the mechanical regulation of biological systems. The topics covered include principles and concepts of mechanobiology; embryogenesis and histogenesis of tissues with a focus on the skeletal system; physical forces at the cellular, tissue, and organ level; mechanical regulation of cellular behavior, tissue growth and organ development.

Academic Term

20/FA

Instructor

Currey, Jennifer

Location & Meeting Time

Integrated Science & Engineering Complex-124 M/W/F 09:20AM-10:25AM LEC

Hybrid-HYBR LEC

Petition

Y

Credits

1.00

Capacity

26

Total Students

26

Common Curriculum

WAC Writing Across Curriculum

Academic Department

Biomedical Engineering

Field Of Study

Biomedical Engineering (BME)