

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

22/WI

Instructor

Currey, Jennifer

Location & Meeting Time

Olin Building-204+ M/W/F 09:15AM-10:20AM LEC

Petition

Y

Credits

1.00

Capacity

28

Total Students

25

Common Curriculum

WAC Writing Across Curriculum

Academic Department

Biomedical Engineering

Field Of Study

Biomedical Engineering (BME)