

MEng in Biomedical Systems

Planned Course Offerings for Fall 2024 & Spring 2025

(Updated: April 29, 2024)

Important: Course offerings are subject to change.

FALL 2024

[BME500](#) Medical Device and System Design for Clinical Engineers

[BME501](#) Biosensors and Imaging for Medical Device Design

[BME510](#) Bioprinting and 3D Printing Human Body Parts

[BME598](#) Technical Project

MECH580 Special Topic: Organ-on-a-chip

MECH580 Special Topic: Biomechanical Modelling

SPRING 2025

[BME505](#) Quantitative Human Physiology

[BME515](#) Biomaterials and Tissue Engineering

[BME520](#) Human Factors and Usability Engineering for Medical Devices

[BME525](#) Mechanics and Energy Conversion in Living Cells

[BME548](#) Introduction to Musculoskeletal Mechanics

[ECE545](#) Nanotechnology