

# A E F C I E C E BIOMEDICAL ENGINEERING

## SAMPLE CURRICULUM PLANS

### EXAMPLE PLAN #1

#### FIRST SEMESTER

BME 5410 Tissue Engineering  
BME 5600 Quantitative Physiology I  
PATH 5350 Intro to Microscopy Techniques

#### SECOND SEMESTER

BME 5650 Quantitative Physiology II  
BME 5420 Tissue Engineering Scaffold Fabrication Techniques  
BME 5320 Drug Delivery

#### THIRD SEMESTER

BME 54210 Human Movement Biomechanics  
PUBH 5040 Generating Evidence from Public Health Data

#### FOURTH SEMESTER

BME 5400 Tissue-Material Interfaces  
BIOL 5630 Concepts of Immunobiology

### EXAMPLE PLAN #2

#### FIRST SEMESTER

BME 5130 Medical Imaging  
PUBH 5040 Generating Evidence from Public Health Data  
MENG 5100 Advanced Mechanics of Solids

#### SECOND SEMESTER

BME 5210 Human Movement Biomechanics  
ECE 5930 Microcontrollers

