Track 4
Career Emphasis: Biomechanics

2014–2016

* Biomechanics Technical Electives:

Choose 12 Credit Hours from the following:

- BME 245L
  Experimental Prin of ENG Design
- BME 246
  Biomedical Engr. Capstone Design I
- BME 247
  Fundamentals of Biomedical Optics
- BME 342
  Biomechanics of Human Movement
- BME 343
  Biomech Signal and Systems Analysis
- BME 344
  Dynamics
- BME 345
  Molecular Sensors and Nanodevices for BME
- BME 346
  Computational Biomechanics
- BME 347
  Intro to Biomech Dynamics in Bio Sys
- BME 348
  Cell and Molec Biomechanics
- BME 349
  Intro to Nonlinear Dynamics in Bio Sys
- BME 350
  Biomech Analysis of Movement
- BME 351
  Biomech of Human Movement
- BME 352
  Biomech Engineering Materials
- BME 353
  Molecular Engineering
- BME 354
  Engineering Biomedical Materials
- BME 355
  Quantitative Engr. Physiology I
- BME 356
  Quantitative Engr. Physiology II
- BME 357
  Biomech of Human Movement
- BME 358
  Intro to Biomech Dynamics in Bio Sys
- BME 359
  Biomech Analysis of Movement

**Approved Biomechanics Course**

- BME 342
- BME 344
- BME 354
- BME 355
- BME 356
- BME 357
- BME 358
- BME 359

**If you find a BME or M E biomechanics course you would like to use as an elective, contact the BME Academic Advising Office for approval.

Legend

- Pre-req
- Co-req
- Pre requisite – credit for Co-requisite – credit OR registration for
- B – Basic Sequence
- C – Core Curriculum
- M – Major Sequence
- S – Supporting Course
- T – Technical Area

Revised: 8/4/2015; SCD