BIOMEDICAL ENGINEERING FLOW CHART 2011/12

Foundation Courses:
Required 2.75 average GPA in these courses to take BE2400 and BE2600

Year 1

Fall

UN 1001 (3)
Perspectives

Coreq

ENG 1101 (3)
(or ENG101 (2) & ENG1100 (2))
Eng. Analysis & Problem Solving

Optional

PH 1100 (1)
Physics Lab I

Coreq

MA 1160 (4)
(or MA1161 (5))
Calculus I

Optional

MA 1160 (4)
Calculus II

Coreq

MA 2160 (4)
Calculus III

Coreq

ENG 1102 (3)
Eng. Modeling & Design

Coreq

BL 2010 (3)
Anatomy/Physiology

Coreq

BL 2011 (1)
Anatomy/Physiology Lab I

Coreq

16 Credits

Year 2

Fall

UN 1002 (4)
World Cultures

Coreq

ENG 1102 (3)
(or Composition)

Coreq

MA 3160 (4)
Linear Algebra

Coreq

BL 2011 (1)
Anatomy/Physiology Lab I

Coreq

17 Credits

Spring

UN2002 (3)
Institutions

Coreq

MA2320/1 (2)
Differential Equa

Coreq

BL 2011 (1)
Anatomy/Physiology Lab I

Coreq

17 Credits

Year 3

Fall

UN2001 (3)
Composition

Coreq

EE 3010 (3)
 Circuits & Instrumentation

Coreq

BE2110 (3)
Statistics

Coreq

BE 3010, BE2600

Coreq

BE 3600 (4)
Bio- Instrumentation

Coreq

BE 3600, BE2600

Coreq

BE 4901 (2)
BME Design Project I

Coreq

BE 4901 (3)
BME Design Project II

Coreq

3600 (3)
(Human Bio - Mechanics)

Coreq

BE 3500 (3)
Bio-Materials

Coreq

BE 3500 (3)
Bio-Materials

Coreq

Technical Elective I (3)

Coreq

Technical Elective I (3)

Coreq

17 Credits

Year 4

Fall

GEN ED HASS (3)

Coreq

GEN ED HASS (3)

Coreq

GEN ED HASS (3)

Coreq

3600 (3)
(Human Bio - Mechanics)

Coreq

BE 3500 (3)
Bio-Materials

Coreq

Technical Elective III (3)

Coreq

Technical Elective III (3)

Coreq

15 Credits

Spring

GEN ED HASS (3)

Coreq

GEN ED HASS (3)

Coreq

GEN ED HASS (3)

Coreq

15 Credits

Note: This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.