BIOMEDICAL ENGINEERING FLOW CHART 2017-18

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

Year 1

Fall
UN1015 (3) Composition
(1 st yr)
Must be taken
UN 1025 (3) Global Issues (Language Option)
F, S, Su

Spring
Critical/Creative F, S, Su
List* (3)
Social/Ethical F, S, Su
List* (3)

Fall
CH1150 (3) University Chem I F, S, Su

Spring
CH1160 (3) University Chem II F, S, Su
CH1151 (3) University Chem I Lab F, S, Su

Fall
BE 2100 (1) BME Seminar F

Spring
PH 1100 (1) Physics Lab I F,S,Su

Fall
MA 1160 (4) Calculus I F,S,Su

Spring
MA 2160 (4) Calculus II F,S,Su

Year 2

Fall
MA 1160 (4) (or MA 1161 (5)) Calculus I F,S,Su

Spring
MA 2160 (4) Calculus II F,S,Su

Fall
MA3160 (4) Calculus III F,S,Su

Spring
BE 2700 (3) Signals and Systems F

Fall
BE 2400(3) Cellular and Molecular Biology F

Spring
MA 2160

Fall
BE 2800 (3) Biomaterials I (Fund. Materials Sci & Eng) F

Spring
BE 2800 (3) Biomaterials I (Fund. Materials Sci & Eng) F

Fall
BE 3300 (3) Biomechanics I (Statics and Dynamics) F

Spring
BE 3350 (3) Human Biomechanics S

Year 3

Fall
EE 3010 (3) Circuits & Instrumentation F,S,Su

Spring
Communication or Composition* (3) F, S, Su

Fall
BE 2400

Spring
MA2321/3521, BL2010

Fall
BE 3300

Spring
BE 3350(3) Human Biomechanics S

Year 4

Fall
Humanities / Fine Arts* (3) F, S, Su

Spring
Social Behavioral Science* (3) F, S, Su

Note: See recommended list be required due to curriculum changes

Foundations Courses:
Must earn "C" or better grade in these courses to take BE2700, BE3800

16 Credits
PE Co-Curricular (0.5)

17 Credits
PE Co-Curricular (0.5)

17 Credits
PE Co-Curricular (0.5)

15 Credits
PE Co-Curricular (0.5)

16 Credits
PE Co-Curricular (0.5)

17 Credits
PE Co-Curricular (0.5)

14 Credits
PE Co-Curricular (0.5)