Bachelor of Science in Biomedical Engineering (Standard Option-B108)
Summer 2017-Spring 2018-Total Credit Hours: 132

FRESHMAN
Fall
16 hour
MATH 1914 Diff & Integral Calculus I
ENG 1111 Freshman Engineering Experience

Spring
16 hours
MATH 2924 Diff & Integral Calculus II

SOPHOMORE
Fall
18 hours
MATH 2934 Diff & Integral Calculus III

Spring
17 hours
MATH 3113 Intro to Ord Diff Equations

JUNIOR
Fall
16 hours
BME 3722 Numerical Methods in Biomedical Engr

Spring
16 hours
BME 3823 Quantitative Physiology

SENIOR
Fall
18 hours
PSC 1113 Am. Fed. Govt (Core III)

Spring
15 hours
General Education: Western Culture (Core IV)

1. (Offered Fall & Spring) BME3113-Bioimaging, 3123-Biobehavior; 3133-Biologic Elect; 3143-Biomechanics; 3153-Molecular, Cellular, and Tissue Engineering; & 3163-Biomedical Micro-Nano-Technology
2. (Offered Fall & Spring) BME3111-Bioimaging Lab; 3121-Biobehavior Lab; 3131-Biologic Elect Lab; 3141-Biomechanics Lab; 3151-Molecular, Cellular, and Tissue Engineering Lab; 3161-Biomedical Micro-Nano-Technology Lab
3. Choose from approved General Education list. At least one of the four categories must be upper division (3000-4000 level).
4. BMES2331-Biomechanics; 5223-Biomechanics II; 5233-Biomedical Materials; 5243-Biochemical Engineering; 5253-Implanted Devices; 5293-Transport Biological Systems; 5373-Tissue Engineering; 5393-Intro CAD Tissue Engineering; 5699-Cellular Aspects of Tissue Regeneration; 5870-Topics in Bioengineering; ECE4843/5843-Medical Imaging Systems; ECE4863/5863-Bioinstrumentation

Note: Refer to check sheet for Core Area Course and Lab prerequisites. Shaded courses only offered once a year. Minimum "C" required for each course in the curriculum (BME2333 requires B minimum in all starred courses)
PREMED students contact 405.325.2457 in Freshman year. In addition to courses above, complete: CHEM3153, PHYS3111 & 1321, PSY & SOC, Cell or Molecular Biology, & Genetics (Recommend BIO3103). MCAT in April of Jr. year
This flowchart is not an official document. Please use as a supplemental visual guide to use in conjunction with the official University of Oklahoma degree check sheet http://checkshee.tsou.edu/engrindx.htm