Bachelor of Science in Biomedical Engineering (Standard Option-B108)
Summer 2019 through Spring 2020 – Total Credit Hours: 132

This flowchart is not an official check sheet of degree requirements. It is meant to be used as a supplemental visual guide to be used along with the official University of Oklahoma degree check sheet.

FRESHMAN
Fall 16 Hours
- MATH 1914 Calculus I
- MATH 2924 Calculus II or MATH 2433
- PHYS 2514 General Physics for Engr & Science Majors
- ENGL 1113 English Composition
- CHEM 1315 or CHEM 1335 General Chemistry
- ENGR 1411 or 3511 Freshman / Transfer Engineering Experience

SOPHOMORE
Fall 18 Hours
- MATH 2934 Calculus III
- PHYS 2524 General Physics for Engr & Science Majors
- BIOL 1124 Molecules, Cells, Physiology (Core II)
- ENGR 2431 Electrical Circuits I

Spring 17 Hours
- CS 1213 Python
- ISE 3293 Applied Statistical Methods
- ENGR 2002 Prof. Development

JUNIOR
Fall 16 Hours
- MATH 3113 Diff. Equations
- PHYS 2524
- ISE 3293 is prereq for ALL BME Core Labs
- BME 2333 Biomedical Engr. Fundamentals

Spring 16 Hours
- BME 2433 Signals and Systems for Biomedical Engr.
- BME Core Area Course 1
- BME Core Area Course 2
- BME Core Area Course 3

JUNIOR
Fall 18 Hours
- BME 3113-3123-3133-3143-3153-3163 Biomedical Engr.

Spring 16 Hours
- BME Core Area Course 4
- BME Core Area Lab 1
- BME Core Area Lab 2
- BME Core Area Lab 3

SENIOR
Fall 15 Hours
- CS 1213 Python
- COMM 2613 Public Speaking
- ISE 3293

Spring 16 Hours
- BME 3533 Biomedical Instrumentation
- BME 4813 Quantitative Physiology
- BME Elective

Key and Important Notes
- One of these Gen. Ed. courses must be 3000-4000 level.
- PreMed Students contact 325-2457 in Freshman year
- MCAT in APRIL
- Offered once per year.
- Required Language: 2 semesters college level or 2 years of high school.
- Prereq: B minimum in prerequired courses.