Bachelor of Science in Biomedical Engineering (Standard Option-B108)
Summer 2018 through Spring 2019 – Total Credit Hours: 123

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.

Name: ___________________________ Sooner ID: ___________________________

FRESHMAN
Fall
16 Hours

MATH 1914 Calculus I
MATH 2924 Calculus II
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
HIST 1483 or 1493 U.S. History

SOPHOMORE
Fall
18 Hours

MATH 2934 Calculus III
PHYS 2524 General Physics for Engr & Science Majors
ENGL 1213 or EXPO 1213 English Comp or Expository Writing
BIO 1124 Molecules, Cells, Physiology (Core II)
ENGR 2431 Electrical Circuits I

Spring
17 Hours

MATH 3113 Differential Equations
ISE 3293 Applied Statistical Methods
BME 2333 Biomedical Engr. Fundamentals
Prereq: B minimum in prereqs

JUNIOR
Fall
16 Hours

CS 1213 Python
Co-req: MATH 1503
BME 3722 Num. Methods BME
BME 3113 Biomedical Instrumentation

Spring
16 Hours

COMM 2613 Public Speaking
BME 4813 Quantitative Physiology
ISE 3293 is a prereq for ALL BME Core Labs

MCAT in APRIL

ENGR 2431 Electrical Circuits I
Prereq: MATH 2924/2423
Co-req: PHYS 2524

BME Core Area Course 1

BME Core Area Lab 1

BME Core Area Course 2

BME Core Area Lab 2

BME Core Area Course 3

BME Core Area Lab 3

BME Core Area Course 4

BME Core Area Lab 4


BME Elective
Approved list below

BME Elective
Approved list below

BME Elective
Approved list below

BME 3233 Biomaterials
Prereq: PHYS 2524

Key and Important Notes
- At least one of these Gen. Ed. courses must be 3000-4000 level.
- Shaded courses offered once per year.
- Foreign Language: 2 semesters college level or 2 years of high school.
- Co-requisite
- Prerequisite
- Core Area Courses, Labs, and BME Electives in box above. Core Area Labs require corresponding Core Area Course as a co-requisite. Please use this flowchart as a supplemental visual guide to use in conjunction with the official OU degree check sheet.