Bachelor of Science in Biomedical Engineering (Standard Option) B108
Summer 2022 through Spring 2023 – Total Credit Hours: 129

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
- UCOL 1523 / 1533 / 1543 First-Year Experience
- ENGL 1113 English Composition
- CHEM 1315 or CHEM 1335 General Chemistry
- ENGR 1411 or 3511 Freshman / Transfer Engineering Experience

Spring 16 Hours
- MATH 2934 Calculus III
- PHYS 2514 General Physics for Engr & Science Majors
- ENGL 1213 or EXPO 1213 English Comp or Expository Writing
- CHEM 1415 or CHEM 1435 or CHEM 1425 (H) General Chemistry
- ENGR 2002 Prof. Development Prereq: ENGL 1213 & Soph Standing

**SOPHOMORE**

Fall 17 Hours
- MATH 3113 Diff. Equations
- PHYS 2524 General Physics for Engr & Science Majors
- ISE 3293 Applied Statistical Methods
- BIOL 1124 Molecules, Cells, Physiology (Core II)
- ECE 2723 Electrical Circuits I Prereq: MATH 2924/2423 PHYS 2524

Spring 18 Hours
- CS 1213 Python Co-req: MATH 1503 or MATH 2423
- PHYS 2514 General Physics for Engr & Science Majors
- MATH 3113 Diff. Equations
- PHYS 2524 General Physics for Engr & Science Majors

**JUNIOR**

Fall 16 Hours
- BME 3233 Biomedical Engr. Fundamentals
- BME 2433 Signals and Systems for Biomedical Engr.
- BME 3533 Biomedical Instrumentation
- BME 3171 BME Lab 1 Pre-req: ISE3293

Spring 16 Hours
- MATH 3722 Num. Methods BME
- BME 3531 Biomedical Instrumentation Lab
- BME 3531 Biomedical Instrumentation
- BME 3181 BME Lab 2

**SENIOR**

Fall 15 Hours
- BME 3722 Num. Methods BME
- BME 3531 Biomedical Instrumentation Lab
- BME 3531 Biomedical Instrumentation
- BME 3181 BME Lab 2

Spring 15 Hours
- BME 4713 Biomedical Engr, Design I (Senior standing)
- BME 4823 Biomedical Engr., Design II (Capstone)
- Approved Elective
- Science, Math, Engr. Elective

Key and Important Notes
- Fall or Spring ONLY
- Foreign Language: 2 semesters college level or 2 years of high school.
- □ One of these Gen. Ed. courses must be 3000-4000 level.
- ☑ HS History Deficiency
- □ Prerequisite
- □ Co-requisite

Pre-Med Students contact 325-2457 in Freshman year