

Name: _____

Sooner ID: _____

Bachelor of Science in Biomedical Engineering (B108)

Summer 2021 through Spring 2022 - 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.

FRESHMAN**SOPHOMORE****JUNIOR****SENIOR****Fall**
16 Hours**Spring**
16 Hours**Fall**
17 Hours**Spring**
18 Hours**Fall**
16 Hours**Spring**
16 Hours**Fall**
15 Hours**Spring**
15 Hours**MATH 1914**
Calculus I**MATH 2924**
Calculus II**MATH 2934**
Calculus III**CS 1213**
Python
*Co-req: MATH 1503***Upper-div Biology Elect.**
(See * below)**MCAT in APRIL**
for Pre-med
Students**Approved Elective**
Artistic Forms**Approved Elective**
World Culture**B****B****Approved Elective**
First Year
Experience (Core V)**PHYS 2514**
General Physics for
Engr & Science
Majors**PHYS 2524**
General Physics for
Engr & Science
Majors**ISE 3293**
Applied Statistical
Methods**BME 3722**
Num. Methods BME**BME 4813**
Quantitative
Physiology**Approved Elective**
Social Science**P SC 1113**
American Federal
Government**B****BME 2333**
Biomedical Engr.
Fundamentals
******FALL ONLY******
*Prereq:
B minimum
in prereqs***BME 2433**
Signals and Systems
for Biomedical Engr.**BME3531**
Biomedical
Instrumentation Lab**BME 3533**
Biomedical
Instrumentation**BME 3233**
Biomaterials
*Prereq: BME2333,
BIOL1124, PHYS 2524***BME 4713**
Biomedical Engr.
Design I
(Senior standing)**BME 4823**
Biomedical Engr.
Design II
(Capstone)**ENGL1113**
English Composition**ENGL 1213 or
EXPO 1213**
English Comp or
Expository Writing**BIOL 1124**
Molecules, Cells,
Physiology (Core II)**ECE2723**
Electrical Circuits I
*Prereq:
MATH 2924/2423
PHYS 2524***BME 3533**
Biomedical
Instrumentation**BME3143**
Biomechanics**BME3123**
Biotransport**Approved Elective**
Western Culture**BME Elective**
(see BME UG handbook)**CHEM 1315 or
CHEM 1335**
General Chemistry**CHEM 1415 or
CHEM 1435 or
CHEM 1425 (H)**
General Chemistry**ENGR 2002**
Prof. Development
*Prereq: ENGL 1213 &
Soph Standing***HIST 1483 or 1493**
U.S. History**BME Lab 1**
Pre-req: ISE3293**BME Lab 2****Science, Math, Engr.
Elective**
(see BME UG handbook)**Science, Math, Engr.
Elective**
(see BME UG handbook)**B****ENGR 1411 or 3511**
Freshman / Transfer
Engineering
Experience***Upper-Division Biology Electives:****CHEM3653** Intro to Biochemistry
BIOL3333 Genetics
BIOL3113 Cellular Biology
BIOL4843 Molecular Biology
BIOL3833 Intro to Neurobiology
CHEM3053 Organic Chemistry I**PreMed Students contact 325-2457 in Freshman year****Key and Important Notes**☐ ★ One of these Gen. Ed. courses must be 3000-4000 level. ☐ HS History Deficiency☐ Offered once per year. ☐ Foreign Language: 2 semesters college level or 2 years of high school.

←--- Co-requisite

←--- Prerequisite

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