

Name: _____

Sooner ID: _____

Bachelor of Science in Chemical Engineering (Standard) B160

Summer 2021 through Spring 2022 Total Credit Hours: 127

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**
15 Hours**Spring**
16 Hours**Fall**
15 Hours**Spring**
17 Hours**Fall**
16 Hours**Spring**
16 Hours**MATH 1914**
Calculus I**MATH 2924**
Calculus II**MATH 2934**
Calculus III

or MATH 2443

or MATH 2443

Approved Elective
Social Science ★**Approved Elective**
Western Culture ★**P SC 1113**
American Federal
Government**Approved Elective**
World Culture ★**ENGR 1411 or 3511**
Freshman / Transfer
Engineering
Experience**PHYS 2514**
General Physics for
Engr & Science
Majors**PHYS 2524**
General Physics for
Engr & Science
Majors**Approved Elective**
First-Year
Experience (Core V)**CH E 2033**
Chemical
Engineering
Fundamentals**CH E 3113**
Momentum, Heat &
Mass Transfer I**CH E 3473**
Chemical
Engineering
Thermodynamics**Approved Elective**
Artistic Forms ★**Chemical Engr**
Technical Elective I**Chemical Engr**
Technical Elective II**ENGL1113**
English Composition**ENGL 1213 or
EXPO 1213**
English Comp or
Expository Writing**MATH 3113**
Differential Equations*Prereq:*
MATH 2924 or 2423**CH E 3123**
Momentum, Heat &
Mass Transfer II**CH E 3333**
Separation Processes**CH E 4262**
Chem. Engr. Design
Lab I**CH E 3313**
Structure & Prop. of
Materials*Prereq:*
CH E 3123**CHEM 1315 or
CHEM 1335**
General Chemistry**CHEM 1415 or
CHEM 1435 or
CHEM 1425 (H)**
General Chemistry**CHEM 3064**
Organic Chemistry I:**CHEM 3164**
Organic Chemistry II:**CHEM 3423**
Physical Chemistry I*Additional Co-req:*
MATH 2924 or 2423**CHEM 3421**
Physical Chemistry
Lab**ENGR 2002**
Prof. Development*Prereq: ENGL 1213*
*Co-req: ENGR 1411/3511***HIST 1483 or 1493**
U.S. History**CH E 4473**
Kinetics*Additional Prereq:*
MATH 3113**ENGR 2431**
Electrical Circuits I*Prereq: MATH 2924/2423*
*Co-req: PHYS 2524***ENGR 3431**
Electromechanical
Systems**CH E 4273**
Advanced Process
Design**Advanced**
Chemistry Elective**ENGR 2411**
Applied Engr Statics*Prereq: PHYS 2514*
Coreq:
MATH2433/2934**Key and Important Notes**

★ At least one of these Gen. Ed. courses must be 3000-4000 level.

H = Honors option



Foreign Language: 2 semesters college level or 2 years of high school.



Shaded courses offered once per year.



Co-requisite



Prerequisite

Technical Electives from approved list
(one must be CH E course)

HS History Deficiency