Bachelor of Science in Chemical Engineering (Sustainability Option) B165
Summer 2023 through Spring 2024 – 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
Fall 16 Hours
MATH 1914 Calculus I
ENGR 1411/1421/3511 Engineering Thinking
CAS 1523 / 1533 / 1543 First-Year Experience
ENGL 1113 English Composition
CHEM 1315 or CHEM 1335 General Chemistry

Spring 16 Hours
MATH 2924 Calculus II
ENGL 1213 or EXPO 1213 English Comp or Expository Writing
CHEM 1415 or CHEM 1435 or CHEM 1425 (H) General Chemistry

SOPHOMORE
Fall 15 Hours
MATH 2934 Calculus III
PHYS 2514 General Physics for Engr & Science Majors
CHEM 2033 Chemical Engineering Fundamentals

Spring 16 Hours
MATH 2443 or MATH 2443
PHYS 2524 General Physics for Engr & Science Majors

JUNIOR
Fall 15 Hours
CH E 3113 Momentum, Heat & Mass Transfer I
MATH 3113 Differential Equations

Spring 17 Hours
CH E 3473 Chemical Engineering Thermodynamics
CH E 3123 Momentum, Heat & Mass Transfer II

JUNIOR
Fall 16 Hours
CH E 2003 Intro. to CH E Computing
CHEM 3423 Physical Chemistry I

Spring 16 Hours
CH E 3064 Organic Chemistry I:
CHEM 3064 Organic Chemistry II:
CHEM 3164 Organic Chemistry II:

SENIOR
Fall 16 Hours
CH E 3313 Separation Processes
CH E 3723 Numerical Methods for Engr. Comp.

Spring 16 Hours
CH E 3113 Momentum, Heat & Mass Transfer I
MATH 3113 Differential Equations

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

Winter 2024
Fall 16 Hours
Spring 16 Hours
Fall 15 Hours
Spring 17 Hours
Fall 16 Hours
Spring 16 Hours
Fall 16 Hours
Spring 16 Hours