Required Prerequisites
(May be satisfied by course credit or placement exam)

Year 1
- ENGR 1111: Introduction to Engineering
- CHEM 1515: General Chemistry II
- CHEM 3053: Organic Chemistry I
- MATH 2144: Calculus I
- BIOL 1604: Animal Biology
- ENGR 1412: Engr Computer Programming
- MATH 2153: Calculus II
- CHEM 1314: General Chemistry I
- MATH 1513: Preparation for Calculus
- MATH 1813: Calculus I
- MATH 2144: Calculus I
- MATH 2153: Calculus II
- MATH 2163: Calculus III
- ENGR 1412: Engr Computer Programming
- ENGR 1111: Introduction to Engineering
- MATH 2153: Calculus II
- CHEM 1515: General Chemistry II
- MATH 2144: Calculus I
- MATH 2153: Calculus II
- MATH 2163: Calculus III

Year 2
- CHEM 3153: Organic Chemistry II
- CHEM 3112: Organic Chemistry Lab
- PHYS 214: General Physics II
- CHE 2033: Intro to ChE Process Eng
- CHE 2581: CHE Sophomore Seminar
- ENGL 1213: Composition II
- ENSC 3233: Fluid Mechanics
- ENSC 2113: Statics
- BIOL 1604: Animal Biology
- CHEM 3112: Organic Chemistry Lab
- CHEM 3153: Organic Chemistry II
- CHEM 3112: Organic Chemistry Lab
- PHYS 214: General Physics II
- CHE 2033: Intro to ChE Process Eng
- CHE 2581: CHE Sophomore Seminar
- ENGL 1213: Composition II

NOTE: This flow chart is for planning purposes only. Official degree requirements can be found in the Academic Catalog 2023-2024. (catalog.okstate.edu)

Completion with a grade of “C” or better.
Requirements for (CHEN) Chemical Engineering

Students must meet the following requirements to take 3000 level CHE courses:

- Complete at least 60 college level semester credit hours (SCH).
- 12 SCH must be from OSU, 9 of which must be STEM courses (ENGR1111 is not considered STEM).
- Completion with a “C” or better in all green courses: MATH 2144, 2153, 2163, 2233; PHYS 2014, 2114; CHEM 1515, 3053, and (3153 & 3112) or (BIOC 3653 & 3723); ENSC 3233; CHE 2023, 2033, 2581; ENGR 1412; STAT 4033 or 4073; and ENGL 1213 (if a “C” is earned in ENGL 1113, then ENGL 1213 is also required).

Students must meet the following requirements to advance to the next level of courses:

- A “C” or better in CHE 3013, 3113, 3123, 3333, 3473, 4002; ENSC 2613, 3231; ENGR 2421.

Students must meet the following requirements for graduation:

- A 2.0 GPA average in all CHE, CHEM, ENGR, and ENSC courses.
- Completion with a grade of “C” or better.

8. BAE 3113, 4413; BIOC 3223, 3653, 3713, 4113; BIOL 3023, 3214; CHE 4283, 4293.

9. Students may choose from BIOL 3023 or MICR 3033

See Course Catalog for specific course prerequisites

Updated 04.13.2023