Pre-Professional School
CHEMICAL ENGINEERING
2016-2017 Pre–Medical Option
135 Semester Hours

Year 1
17 hours
- ENGR 1111 Introduction to Engineering
- CHEM 1514 General Chemistry I
- ENGR 1412 Engr Computer Programming
- MATH 2144 Calculus I
- ENGL 1113 English Composition I
- MATH 2113 Trigonometry
- MATH 1715 PreCalculus
- BIOL 1114 General Biology
- HIST 1103 American History
- CHE 2581 CHE Sophomore Seminar
- BIOL 1604 Animal Biology
- ENGL 3323 American History

Year 2
19 hours
- CHEM 1515 General Chemistry II
- MATH 2233 Differential Equations
- PHYS 2014 General Physics I
- ENGL 3323 American History
- ENGR 1111 Introduction to Engineering
- CHEM 3053 Organic Chemistry I
- MATH 2144 Calculus I
- ENGR 1412 Engr Computer Programming
- MATH 2113 Trigonometry
- BIOL 1114 General Biology
- CHE 2033 CHE Engineering Processes
- HIST 1103 American History
- BIOL 1604 Animal Biology
- ENGL 3323 American History
- STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073

NOTE: This flow chart is for planning purposes only. Students matriculating in AY16 must meet the degree requirements as state on the official degree requirement sheet dated “Academic Year 2016-2017.”
Admission Requirements for the Chemical Engineering Professional School

To be admitted into CHE Professional School students must meet requirements below:

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: MATH 2144, 2153, 2163, 2233; PHYS 2014, 2114; CHEM 1515, 3053, and 3153 & 3112 or BIOC 3653 & 3723; ENSC 2213, 3233; CHE 2033, 2581; ENGR 1412; and ENGL 1113 (if a “C” is earned in ENGL 1113, then ENGL 1213 is also required.

A “C” or better in each STEM class that could be used to meet degree requirements.

A GPA of 2.7 or better in all STEM classes that could be used to meet degree requirements.

An GPA of 2.5 or greater in all courses taken at OSU.

A GPA of 2.7 or better in all STEM classes taken at OSU.

8. Fall Only Course

9. CHE 4283, 4293 preferred or with approval from CHE Professional School advisor, from BAE 3113, 3423, 4413, BIOC 3653, 4113, 4224

10. BIOL 3023 OR MICR 3033

Version 08.11.16