Pre-Professional School
CHEMICAL ENGINEERING
2019-2020 Pre–Medical Option
135 Semester Hours

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

1. If a grade of "C" is earned in ENGL 1113, then ENGL 1213 is also required before entry into Professional School. ENGL 3323 may be substituted if AP Exam credit or a grade of ‘A’ or ‘B’ is earned in ENGL1113.

2. 6 hours designated (H) and 6 hours designated (S). One course designated (D) and one course designated (I). Students are encouraged to meet the requirement for (D) and (I) in their selection of (H) or (S) courses. PSYC 1113 (S) and SOC 1113 (S) are recommended for MCAT prep. Student is encouraged to choose courses to meet medical school requirements under consultation with degree advisor and Pre-Health advisor.

3. FALL ONLY. Preference is for this course to be taken the fall preceding entry to Professional School.

4. MATH 2233 or 3263

5. The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3153 and 3112. Student should consult Pre-Health advisor for confirmation of requirements for admission to medical program of choice.

6. SPRING ONLY. Preference is for this course to be taken the spring preceding entry into Professional School.

7. STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073.

NOTE: This flow chart is for planning purposes only. Students matriculating in AY17 must meet the degree requirements as state on the official degree requirement sheet dated 'Academic Year 2019-2020.'
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 BIO 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; BAE 3113, 4413; BIOC 3223, 3656, 3713, 4113; BIOL 3023, 3214.

10. BIOL 3023 OR MICR 3033. Cannot use ANSI 3423+BIOL 3023 or BIOC 3653+3713.

Version 08.06.2019

Professional School
CHEMICAL ENGINEERING
2019-2020 Pre-Medical Option

Year 3

Prerequisites

<table>
<thead>
<tr>
<th>16 hours</th>
<th>17 hours</th>
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<tbody>
<tr>
<td>CHE 3013 Rate Operations I</td>
<td>CHE 4002 Chemical Eng Lab I</td>
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<tr>
<td>CHE 3473 Chemical Eng Thermodynamics</td>
<td>CHE 3113 Rate Operations II</td>
</tr>
<tr>
<td>CHE 3333 Intro to Transport Phenomena</td>
<td>CHE 3123 Chemical Reaction Eng</td>
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<td>CHE 3581 CHE Junior Seminar</td>
<td>POLS 1113 American Government</td>
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Year 4

<table>
<thead>
<tr>
<th>16 hours</th>
<th>16 hours</th>
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<tbody>
<tr>
<td>CHE 4112 Chemical Eng Lab II</td>
<td>CHE 4124 Chemical Eng Design I</td>
</tr>
<tr>
<td>CHE 4112 Chemical Eng Design I</td>
<td>CHE 4581 CHE Senior Seminar</td>
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<tr>
<td>CHE 4224 Chemical Eng Design II</td>
<td>Gen Ed Elective H / S / I / D</td>
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</table>

Required Before Professional School

General Education Courses

Degree Requirements

Professional School Courses

See Course Catalog for specific course prerequisites

Oklahoma State University
College of Engineering, Architecture, and Technology