CHEMICAL ENGINEERING

2024-2025

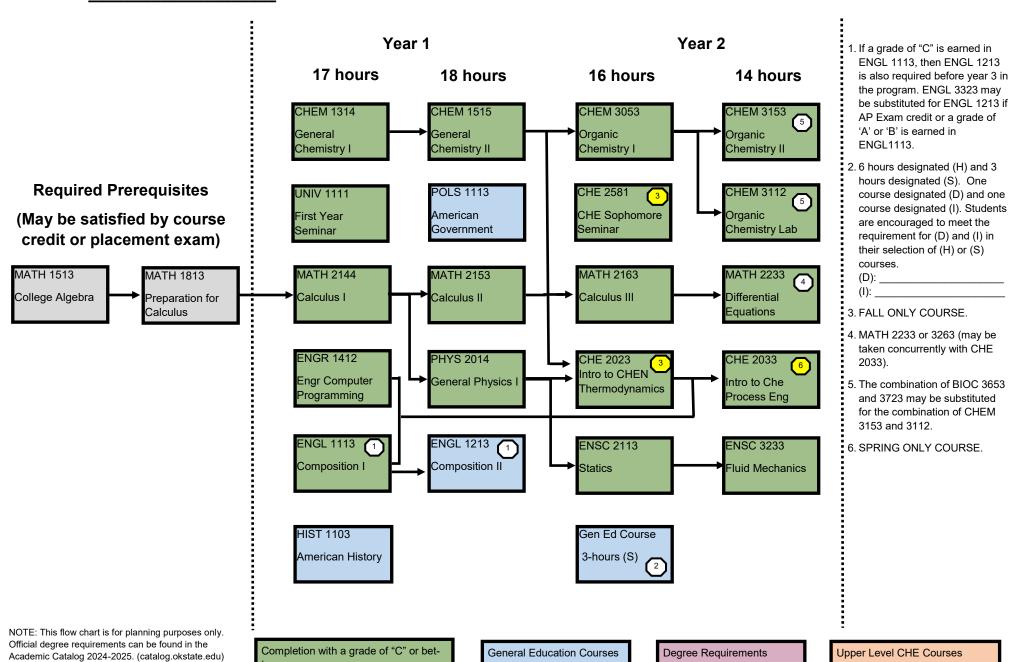
College of Engineering, Architecture, and Technology

Oklahoma State University

Name: _____

123 Semester Hours

Advisor:



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; CHEM 1314, 1515, 3053, and (3153 & 3112) or BIOC (3653 & 3723); ENSC 3233; CHE 2023, 2033, 2581; ENGR 1412; and ENGL 1113 (if a "C" is earned in ENGL 1113, then a 'C' in ENGL 1213 is also required). All courses listed must be completed PRIOR to beginning Year 3 courses.

Students must meet the following requirements to advance to subsequent 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.

- 8. 3000 level or higher. Must meet requirements for professional development, technical knowledge, or life balance. May be fulfilled by upper division coursework as part of the pursuit of a minor at OSU. Cannot use both ANSI 3423 & BIOL 3023 or BIOC 3653 & BIOC 3713.
- 9. Students may choose from the following electives: CHE 3202 + 3211, 4073, 4133, 4183, 4283, 4293, 4343, 4323, 4493, 4523, 4543, 4603, 4753, 4773, 4783.

Completion with a grade of "C" or bet-

ter.

CHEMICAL ENGINEERING 2024-2025

College of Engineering, Architecture, and Technology

Oklahoma State University

Upper Level CHE Courses

Year 4 Year 3 16 hours 14 hours 14 hours 14 hours **Prerequisites** CHE 3013 CHE 4002 CHE 4112 CHE 4843 Rate Operations Chemical Eng Chemical Eng Chem Process ab II Instr/Control Completion of all green courses with a "C" or better. CHE 3473 CHE 3113 CHE 4124 CHE 4224 Chemical Eng Chemical Eng Chemical Eng Rate Operations II **Thermodynamics** Design I Design II CHE 3333 CHE 3123 CHE 4581 Advanced CHE Elective Intro to Transport Chemical CHE Senior Phenomena Reaction Eng 3-hours Seminar CHE 3581 Jpper Division **ENGR 2421** Gen Ed Course Elective (3000+) 3-hours (H) CHE Junior Eng Data Acq 3-hours Controls Lab Seminar Upper Division CHE 3543 ENSC 3313 ENSC 2613 Elective (3000+) Materials Science Intro To Chem Electrical Science See Course Catalog Process Analytics 3-hours for specific course prerequisites Gen Ed Course **ENSC 3231** 3-hours (H) Fluids & Hvdraulics Lab

General Education Courses

Degree Requirements

Updated 09.11.2024