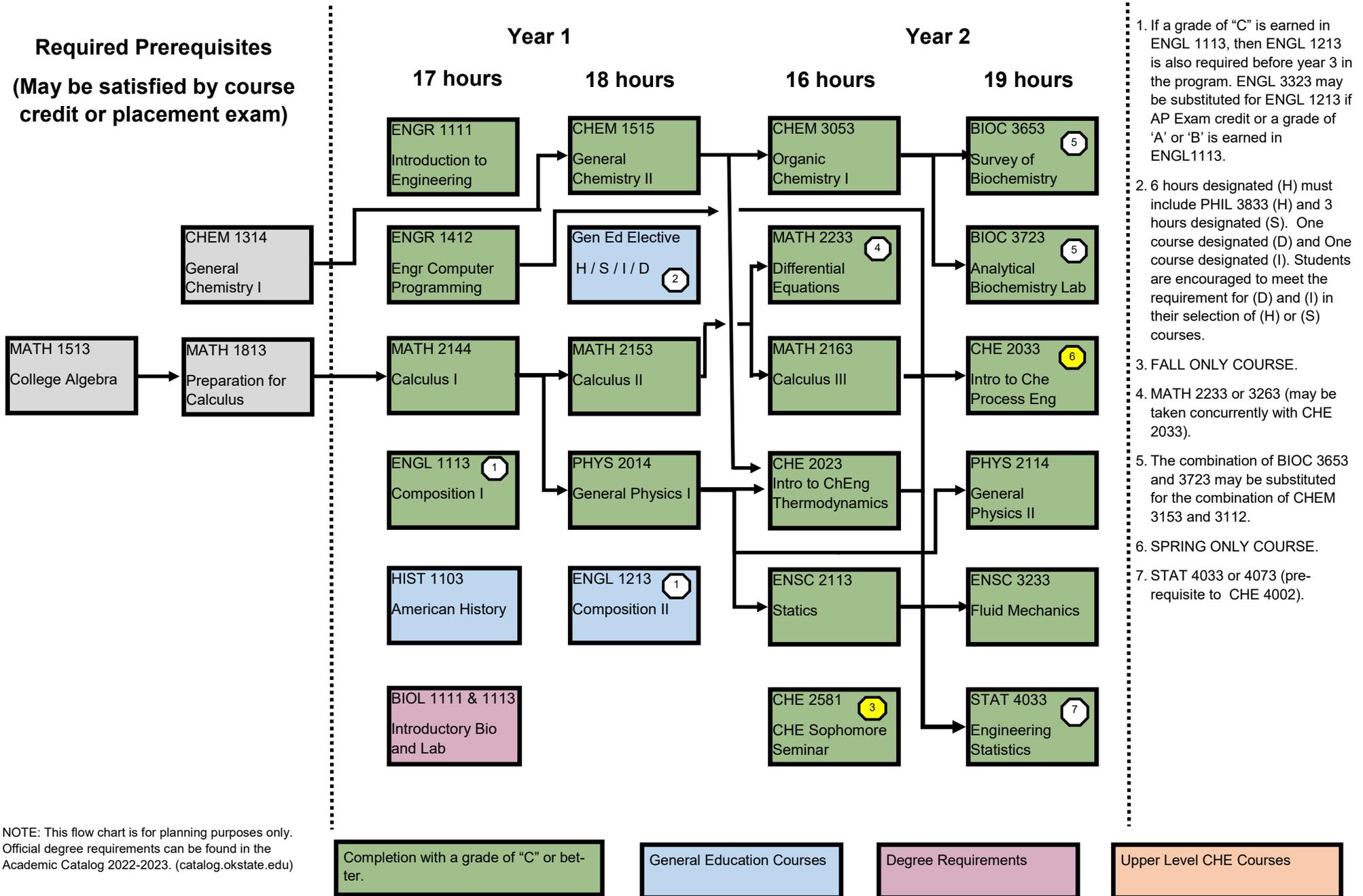


Name: _____

Advisor: _____

130 Semester Hours



1. If a grade of "C" is earned in ENGL 1113, then ENGL 1213 is also required before year 3 in the program. ENGL 3323 may be substituted for ENGL 1213 if AP Exam credit or a grade of 'A' or 'B' is earned in ENGL1113.
2. 6 hours designated (H) must include PHIL 3833 (H) and 3 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.
3. FALL ONLY COURSE.
4. MATH 2233 or 3263 (may be taken concurrently with CHE 2033).
5. The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3153 and 3112.
6. SPRING ONLY COURSE.
7. STAT 4033 or 4073 (pre-requisite to CHE 4002).

NOTE: This flow chart is for planning purposes only. Official degree requirements can be found in the Academic Catalog 2022-2023. (catalog.okstate.edu)

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 1113 (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.

8. FALL ONLY COURSE and conflicts with fall semester courses in year 4

9. BAE 3113, 4413; BIOC 3223, 3653, 3713, 3723, 4113, 5824; BIOL 1604, 3023, 3214; CHE 4283, 4293, 5283, 5293; MICR 2123+2132, 3033, 4003. *Cannot use both (ANSI 3423+BIOL 3023) or (BIOC 3653+3713).

10. Students may choose from the following electives: CHE 3202 + 3211, 4073, 4133, 4283, 4293, 4343, 4323, 4493, 4523, 4603, 4753, 4773.

Updated 08.18.2022

CHEMICAL ENGINEERING-BMBC 2022-2023 Biomedical/Biochemical Option

Oklahoma State University
College of Engineering, Architecture, and Technology

