COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

BACHELOR of SCIENCE in CHEMICAL ENGINEERING

MAJOR: Chemical Engineering **Total Hours: 130**

Minimum Overall Grade Point Average: 2.00

(Cumulative Graduation/Retention GPA), other GPA requirements see below.

GENERAL COURSES: 33 HOURS

Underlined courses identify courses that must be completed prior to admission to professional school.

Area	Hours	To be selected from:
English Composition & Oral Communication	3	ENGL 1113 or 1313
American History & Government	6	HIST 1103, POLS 1113
Analytical & Quantitative Thought (A)	13	MATH 2144, 2153, 2163, 2233 or 3263
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Natural Sciences (N)	5	CHEM 1515
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.

COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS

Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073
Basic Science	8	PHYS 2014, 2114
Engineering	3	ENGR 1111, 1412
Engineering Science	9	ENSC 2113, 2213, 3233
Chemical Engineering	3	CHE 2033
Chemistry	8	CHEM 3053, 3112, 3153. The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3112 & 3153.

MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL

COMMON PROFESSIONAL SCHOOL: 23 HOURS

Area	Hours	To be selected from:
Engineering	2	CHE 4990
Engineering Science	9	ENSC 2143, 2613, 3313
Advanced Chemical Science	3	From ANSI 3423, BIOC 3653, 3723, 4113, BIOL 3023, CHEM 3353, 3553, 4020, FDSC 3373, 4473, GEOL 4403, MICR 3033 or similar advanced chemical transformation of matter courses approved by school advisors.
English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.

SPECIFIC PROFESSIONAL SCHOOL: 34 HOURS

Admitted to Professional School of Chemical Engineering.

Chemistry	3	CHEM 3433
Chemical Engineering	31	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4581, 4843

CONTROLLED ELECTIVES: 6 HOURS

Complete 6 credits of restricted electives.
See school policy and approved course list. CHE advisor must approve.

Admission to Professional School (required):
Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

Graduation Requirements:

1. A minimum GPA of 2.00 is required in all CHE, CHEM, ENGR, and ENSC coursework.
2. The major engineering design experience, capstone course, is satisfied by CHE 4124 and 4224.

Additional State/OSU Requirements – At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. Degrees that follow this plan must be completed by the end of Summer 2019.

Signature on file in the Office of the Registrar

Dean

Signature on file in the Office of the Registrar

Department Head