



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2012-2013

BACHELOR of SCIENCE in CHEMICAL ENGINEERING

MAJOR: Chemical Engineering

OPTION: Biomedical/Biochemical

Minimum Overall Grade Point Average: 2.00

Total Hours: 134

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

GENERAL COURSES: 30 HOURS			MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL		
<i>Shaded courses identify courses that must be completed prior to admission to professional school.</i>			COMMON PROFESSIONAL SCHOOL: 57 HOURS		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	ENGL 1113 or 1313	Chemical Engineering	31	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4581, 4843
American History	3	HIST 1103	Chemistry	3	CHEM 3433
Analytical & Quantitative Thought (A)	13	MATH 2144, 2153, 2163, 2233 or 3263	Engineering	2	ENGR 1352
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.	Engineering Science	9	ENSC 2143, 2613, 3313
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements. Must include PHIL 3823 or equivalent with Chemical Advisor approval.	Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements. Must include PHIL 3823 or equivalent with Chemical Advisor approval.
Natural Sciences (N)	5	CHEM 1515	American Government	3	POLS 1113
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	CONTROLLED ELECTIVES: 9 HOURS		
COLLEGE/DEPARTMENTAL REQUIREMENTS: 38 HOURS			Advanced Chemical Science	3	From ANSI 3423, BIOC 3653, 3723, 4113, BIOL 3023, CHEM 3153, 3353, 3553, 4020, FDSC 3373, 4473, GEOL 4403, MICR 3033
Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073			
Basic Science	12	PHYS 2014, 2114, BIOL 1114			
Engineering	3	ENGR 1111, 1412	Bioengineering/ Bioscience Electives	6	BAE 3113, 3423, 4423 BIOC 3653, 4113, 4224, 5824 BIOL 3023 CHE 4283, 4293, 5283, 5293 MICR 2123 & 2132, 3033 ZOO 1604
Engineering Science	9	ENSC 2113, 2213, 3233			
Chemical Engineering	3	CHE 2033			
Chemistry	8	CHEM 3053, 3112, 3153 The combination of CHEM 3112 and 3153 may be replaced with the combination of BIOC 3653 and 3723.			

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.
3. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as the changes do not delay graduation or result in semester hours being added.
4. Students will be held responsible for satisfying University Academic Regulations 1.1 – 7.11, as applicable.

Signature on file in the Office of the Registrar

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Dean

Department Head