



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2016-2017

BACHELOR of SCIENCE in CHEMICAL ENGINEERING

MAJOR: Chemical Engineering

OPTION: Pre-medical

Minimum Overall Grade Point Average: 2.00

Total Hours: 135

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 43 HOURS			MAJOR REQUIREMENTS: 45 HOURS			
Area	Hours	To be selected from:				
English Composition	6	<u>ENGL 1113 or 1313</u> , 1213 or 1413 (3323 may be substituted for 1213) (See Academic Regulation 3.5 in Catalog)	Mathematics	<u>MATH 2233 or 3263</u> STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073		
American History & Government	6	HIST 1103 (or 1483 or 1493), POLS 1113	Chemical Engineering	<u>CHE 2033</u> <u>CHE 2581</u> CHE 3013 CHE 3113 CHE 3123 CHE 3333 CHE 3473 CHE 3581 CHE 4002 CHE 4112 CHE 4124 CHE 4224 CHE 4581 CHE 4843		
Analytical & Quantitative Thought (A)	10	<u>MATH 2144, 2153, 2163</u>				
Humanities (H)	6	Courses designated (H)				
Natural Sciences (N) Must include one Laboratory Science (L) course.	9	<u>CHEM 1515, BIOL 1114</u>				
Social & Behavioral Sciences (S)	6	Any course designated (S)	Chemistry	CHEM 3433		
<p>DIVERSITY (D) & INTERNATIONAL DIMENSION (I) May be completed in any part of the degree plan. At least one Diversity (D) course At least one International Dimension (I) course</p>			<p>CONTROLLED ELECTIVES: 6 HOURS</p>			
<p>COLLEGE/DEPARTMENTAL REQUIREMENTS: 41 HOURS</p>						
Basic Science	12	<u>PHYS 2014, 2114, BIOL 1604</u>			Advanced Chemical Science	BIOL 3023 or MICR 3033
Engineering	3	ENGR 1111, <u>1412</u>				
Engineering Science	18	ENSC 2113, 2143, 2613, <u>2213, 3233, 3313</u>			Bioengineering/ Bioscience Electives	3 hours from CHE 4283, 4293, 5283, 5293, or with approval of Chemical Engineering Advisor, from BAE 3113, 3423, 4413, BIOC 3653, 4113, 4224
Chemistry	8	<u>CHEM 3053, 3112, 3153.</u>				
<p>1: Humanities courses - should select one from ENGL and one ART, ENGL, FLL, MUSI, PHIL or TH to also meet medical school requirements. 2: Social & Behavioral Sciences courses – should select from ANTH, PSYC, or SOC to also meet medical school requirements. <u>Admission to Professional School (required):</u> Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements. <u>Graduation Requirements:</u> 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.</p>						
<p><u>Additional State/OSU Requirements</u> – 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 2022.</p>						

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD