



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

**General Requirements for Students Matriculating in Academic Year 2011-2012**

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING**

**MAJOR: Chemical Engineering**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 39 HOURS</b>			<b>MAJOR REQUIREMENTS: 66 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>			
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.			Mathematics 3 STAT 2013, 2023, 2053, <u>4013</u> , 4033, 4053 or 4073			
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323. (See Academic Regulation 3.5)	Engineering Science 6 ENSC 3233, 3313			
American History & Government	6	HIST 1103; POLS 1113	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 advisers.			
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233 or 3263	Social & Behavioral Sciences (S) 3 Courses designated (S) at OSU. Consult the college & departmental requirements.			
Humanities (H)	6	Courses designated (H) at OSU. Consult the college & departmental requirements.	<b>SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 45 HOURS</b>			
Natural Sciences (N)	5	CHEM <u>1515</u>	Admitted to the Professional School of Chemical Engineering. (See Professional School admission requirements in the <i>Catalog</i> .)			
Social & Behavioral Sciences (S)	3	Courses designated (S) at OSU. Consult the college & departmental requirements.	CHE 2033 4002 CHEM 3053			
Diversity (D)	--	Courses designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3013 4112 CHEM 3112*			
International Dimension (I)	--	Courses designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3113 4124 CHEM 3153*			
Scientific Investigation (L)	--	Courses designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	3123 4224 CHEM 3433			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS</b>			* The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3112 and 3153.			
<b>PRE-ENGINEERING: 25 HOURS</b>			<b>CONTROLLED ELECTIVES: 6 HOURS</b>			
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	6 credits restricted electives. See school policy and approved course list. CHE adviser must approve.			
Engineering	5	ENGR 1111, 1412				
Engineering Science	12	ENSC 2113, 2143, 2213, 2613				
<b>Other Requirements:</b>						
Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.						
A student must complete course work at OSU satisfying academic regulation 7.2.						
A student must complete at least 60 credit hours at a senior college.						
A 2.00 GPA is required in all course work listed in the right hand column above.						
The major engineering design experience, capstone course, requirement is satisfied by CHE 4124 and 4224.						
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.						

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD