

OKLAHOMA STATE UNIVERSITY

Tulsa Community College (2 + 2 graduation plan)

COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY

For students matriculating:

Academic Year 2005-06

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Total hours 137

Minimum overall grade-point average 2.00

Other GPA requirements, see below.

DEGREE
CHEMICAL ENGINEERING
 MAJOR
(BIOMEDICAL / BIOCHEMICAL)
 OPTION

General Education Requirements <u>52</u> Hours		
Area	Hrs	To Be Selected From
Underlined courses below are Pre-Engineering requirements used simultaneously to satisfy General Education requirements.		
English Composition and Oral Communication	6	ENG 1113, 1213, 1313, 1413 or 3323 See Academic Regulation 3.5
American History and Government	6	HIS 1483 or 1493 POS 1113
Analytical and Quantitative Thought	15	MTH <u>2114, 2124, 2134, 2613</u>
Humanities (H)	6	Courses designated (H) by Oklahoma State University. Consult the college and departmental requirements. Must include PHIL 3823 or 3833.
Natural Sciences (N)	13	CHE <u>1415</u> , PHY <u>2034, 2124</u>
Social and Behavioral Sciences (S)	6	Courses designated (S) by Oklahoma State University. Consult the college and 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.
Scientific Investigation (L)	-	Any course designated (L). Normally met by Natural Science and/or Basic Science requirements.
College/Departmental Requirements Pre-Engineering <u>17</u> Hours		
Engineering	5	EGR 1111, 1132, 1242
Engineering Science	12	EGR 2103, 2143, 2213, 2613

Major Requirements <u>68</u> Hours		
Specific Professional School Requirements <u>59</u> Hours		
Admitted to the Professional School of Chemical Engineering (See Professional School Admission Requirements.)		
		BIOC 3653 (or CHEM 3153) BIOC 3723 (or CHEM 3112) BIOL 1114 CHE 2033 3013 3113 3333 3123 3473 4002 4112 4124 4224 4581 4843 CHEM 3053 3434 ENSC 3233 3313 STAT 4033 or 4073
Controlled Electives <u>9</u> Hours		
Advanced Chemical Science	3	BIOC 3653, 3723, 4113, BIOL 3024 CHEM 3153, 3353, 3553, 4020 CLML 3014 GEOL 4403
Bioengineering/ Bioscience Electives	6	BAE 3113, 3423, 4423 BIOC 3653, 4113, 4224, 5824 BIOL 3024 CHE 4283, 4293, 5283, 5293 CLML 3014 ZOO 1604

Other Requirements:

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 (date of first enrollment) 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.

DEAN

DEPARTMENT HEAD