



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2012-2013

**BACHELOR of SCIENCE in COMPUTER ENGINEERING**

**MAJOR: Computer Engineering**

**Total Hours: 126**

**Minimum Overall Grade Point Average: 2.00**

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

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Shaded courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	ENGL 1113 or 1313	Mathematics	3	MATH 3013
American History & Government	6	HIST 1103, POLS 1113	English Composition & Oral Communication	3	ENGL 1213 or 1413, 3323 (Total hours for degree is based on substitution of 3323 for 1213, subject to Academic Regulation 3.5)
Analytical & Quantitative Thought (A)	13	MATH 2144, 2153, 2163, 2233	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Natural Sciences (N)	4	CHEM 1414 or 1515	Humanities (H)	6	Any courses designated (H).
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.	<b>SPECIFIC PROFESSIONAL SCHOOL: 45 HOURS</b> Admitted to Professional School of Electrical and Computer Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Electrical & Computer Engineering	33	ECEN 3314, 3513, 3613, 3714, 4013, 4024, 4213, 4243, 4303, 4503
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Computer Science	6	CS 4323, 4343
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Industrial Engineering & Management	3	IEM 3503
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			Elective	3	Select from combinations on the departmentally approved list and approved by advisor.
Basic Science	11	PHYS 2014, 2114, 3313			
Engineering	3	ENGR 1111, 1342	<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Engineering Science	6	ENSC 2613, 3213	Select from:		
Computer Science	10	CS 1113, 2133, 2351, 3653	ENSC 2113, 2123, 2143, 2213 or engineering courses 3000-level and above.		
Electrical & Computer Engineering	4	ECEN 2011, 3233	Other courses such as MATH, CS, STAT, etc., may be approved by advisor.		

**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 courses applied to Professional School coursework (right hand column above).
2. A minimum GPA of 2.20 is required in all courses applied to Specific Professional School.
3. The major engineering design experience, capstone course, is satisfied by ECEN 4013 and 4024.
4. 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.
5. 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

Signature on file in the Office of the Registrar

\_\_\_\_\_  
Dean

\_\_\_\_\_  
Department Head