



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2014-2015

**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>Underlined 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	<u>ENGL 1113</u> or 1313*	Mathematics	3	MATH 3013
American History & Government	6	HIST 1103, POLS 1113	English Composition & Oral Communication	3	ENGL 3323*
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Natural Sciences (N)	4	<u>CHEM 1414</u> 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	<u>PHYS 2014, 2114</u> , 3313			
Engineering	3	<u>ENGR 1111, 1342</u>	<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Engineering Science	6	<u>ENSC 2613, 3213</u>	Select from:		
Computer Science	10	<u>CS 1113, 2133</u> , 2351, 3653	ENSC 2113, 2123, 2143, 2213 or engineering courses 3000-level and above. Other courses such as MATH, CS, STAT, etc., may be approved by advisor.		
Electrical & Computer Engineering	4	<u>ECEN 2011, 3233</u>			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**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.

**Additional State/OSU Requirements--** 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 2020.

\* If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

Signature on file in the Office of the Registrar

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Dean

Department Head