



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

Requirements for Students **Matriculating in or before Academic Year 2017-2018**

**BACHELOR of SCIENCE in ELECTRICAL ENGINEERING**

**MAJOR: Electrical Engineering**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 123**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>		
English Composition	6	<u>ENGL 1113, 3323*</u>	Mathematics	MATH 3013
American History & Government	6	HIST 1103 (or 1483 or 1493), POLS 1113	Electrical & Computer Engineering #	ECEN 3314 ECEN 3513 ECEN 3714 ECEN 4013 ECEN 4024 ECEN 4503
Analytical & Quantitative Thought (A)	10	<u>MATH 2144, 2153, 2163</u>		
Humanities (H)	6	Any courses designated (H)	Industrial Engineering & Management #	IEM 3503
Natural Sciences (N) Must include one Laboratory Science (L) course.	8	<u>CHEM 1414 or 1515, PHYS 2014</u>	ECEN Junior Electives #	Choose two courses from the following group based on combinations from the departmentally approved list, and with advisor approval. ECEN 3113, 3613, 3723, 3913
Social & Behavioral Sciences (S)	6	Any course designated (S)	ECEN Electives #	Choose five ECEN or other courses selected from combinations on the departmentally approved list, including optionally one or more courses listed, but not taken, from the ECEN Junior Elective list above, and with advisor approval.
<p><b>DIVERSITY (D) &amp; INTERNATIONAL DIMENSION (I)</b>            May be completed in any part of the degree plan.            At least one Diversity (D) course            At least one International Dimension (I) course</p>				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 30 HOURS</b>			<b>CONTROLLED ELECTIVES: 3 HOURS</b>	
Basic Science	7	<u>PHYS 2114, 3313</u>	Select from the following technical electives: ENSC 2123, 2143, 2213, or engineering courses 3000 level and above; other courses such as MATH, CS, STAT, etc., may be approved by advisor	
Mathematics	3	<u>MATH 2233</u>		
Engineering	1	<u>ENGR 1111</u>		
Engineering Science	6	ENSC 2113, <u>ENSC 3213</u>		
Computer Science	6	<u>CS 1113 and 3 hours from CS 2133 or 2433</u>		
Electrical & Computer Engineering	7	<u>ECEN 2714, ECEN 3233</u>		
<p><u>Admission to Professional School (required):</u>            Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.</p>			<p><u>Note:</u> All General Education coursework requirements are satisfied upon completion of this degree plan.</p>	
<p><u>Graduation Requirements:</u></p> <ol style="list-style-type: none"> <li>A minimum GPA of 2.00 is required in all courses applied to Major Requirements including ENGL 3323, 3 hours of (S), and 6 hours of (H).</li> <li>A minimum GPA of 2.20 is required in all courses applied to Major Requirements indicated by #.</li> <li>The major engineering design experience, capstone course, is satisfied by ECEN 4013 and 4024.</li> </ol> <p>*If a "B" or higher is not earned in ENGL 1113, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).</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 2023.</p>				

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

DEAN

DEPARTMENT HEAD