



**ADVISING GUIDE**

**Second Bachelor's Degree  
Electrical and Electronic Engineering**

General degree requirements for second bachelor students are posted in the catalog:  
<https://catalog.csus.edu/baccalaureate-degree-requirements/#text>.

<b>Basic Science (12 units)</b>	CHEM 1E (CHEM 1A ok); PHYS 11A and PHYS 11C
<b>Mathematics (18 units)</b>	MATH 30, 31, 32, 45; ENGR 120
<b>Programming (3 units)</b>	ENGR 50
<b>Engineering Topics (58 units)</b>	<p><b><u>Engineering classes:</u></b> ENGR 17, ENGR 140;</p> <p><b><u>Electrical Engineering classes:</u></b> EEE 64, 108, 108L, 117, 117L, 141, 161, 174, 180, 184, 185;</p> <p><b><u>Senior Project, either:</u></b></p> <ul style="list-style-type: none"><li>• <b>Power Senior Project</b> EEE 192A, 192B, 142, 143 or</li><li>• <b>Electronics Senior Project</b> EEE 193A, 193B, 109;</li></ul> <p><b><u>13 units of electives:</u></b></p> <ul style="list-style-type: none"><li>• <b>7 units EEE Depth*</b> (in <u>one</u> elective area: power, electronics, communications, or controls);</li><li>• <b>6 units EEE Breadth*</b> (one or more elective areas)</li></ul>

\*These courses are listed on the E&EE Curriculum Elective List. Other courses may be substituted for these as long as the total units in Science and Design meet ABET requirements.

**Applying for Graduation**

Applying for graduation requires submission of the paper application and payment to the Bursar's Office. The graduation application should be submitted two semesters prior to the expected graduation term. The application must be fully completed (including major, units, grades, and notation of any substitutions/waivers), signed by the student and department chair, and then submitted to the Bursar's Office with payment. The paid application will route to the Registrar's Office for processing. The course, units, and grades can be found on the Advising Summary page of the Student Center and on the student's transcript.