



# SACRAMENTO STATE

## COLLEGE OF ENGINEERING & COMPUTER SCIENCE

### ADVISING GUIDE

#### **Second Bachelors Degree Electrical and Electronic Engineering**

##### Basic Science: (12 units)

CHEM 1E (CHEM 1A ok)  
PHYS 11A and 11C

##### Mathematics: (18 units)

MATH 30, 31, 32, 45  
ENGR 120

##### Programming: (3 units)

ENGR 50

##### Engineering Topics: (66 units)

ENGR 17, 140  
EEE 64, 108, 108L, 117, 117L, 141, 161, 174, 180, 184, 185, either 192A/B+109 or  
193A/B+142/143  
7 units EEE Depth\*  
6 units EEE Breadth\*

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

##### University Requirements:

1. Complete a minimum of 30 units in residence at CSU, Sacramento beyond the first bachelor's degree. Of the 30 units, 24 must be upper division in the major. Units completed through Open University or Extension do not meet the residence requirements. (See NOTE in catalog for former CSU, Sacramento students.)
2. Complete California code requirements for U.S. History, U.S. Constitution, and California State and Local Government.
3. Complete the Writing Proficiency Examination, if not already completed.