



# PROGRAM OF STUDIES

## ELECTRICAL & COMPUTER ENGINEERING

### (With Graduate Engineering Core)

**Name:** ..... **Student SCU #** .....

First

Last

**Email:** ..... **Expected Graduation Date:** .....

POS VERSION (CHECK ONE):                       NEW                       UPDATED                       FINAL

**1. Graduate Core Requirements:**

Must take at least 1 course from the 2 graduate core areas (minimum 4 units). NO WAIVERS OR SUBSTITUTIONS WILL BE ACCEPTED.

<u>Graduate Core Area</u>	<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>
Engineering and Society				
Professional Development				

**2. Applied Mathematics (4 units required):**

<u>Course</u>	<u>Units</u>	<u>Grade</u>

**3. Electrical Engineering Focus Area: Select one primary and two breadth areas (excluding your primary). Students must meet the requirements of their primary area and take at least one course from each of the selected breadth areas.**

<u>Area</u>	<u>Primary(P)/ Breadth(B)</u>	<u>Required Courses</u>	<u>Units</u>	<u>Grades</u>
Power Systems and Control	<input type="checkbox"/> P <input type="checkbox"/> B	Either <input type="checkbox"/> 236 or <input type="checkbox"/> 281A Two from <input type="checkbox"/> 231 <input type="checkbox"/> 232 <input type="checkbox"/> 281B <input type="checkbox"/> 333		
IC Design and Technology	<input type="checkbox"/> P <input type="checkbox"/> B	Three from <input type="checkbox"/> 252 <input type="checkbox"/> 261 <input type="checkbox"/> 270 <input type="checkbox"/> 387		
RF and Applied Electromagnetics	<input type="checkbox"/> P <input type="checkbox"/> B	Take <input type="checkbox"/> 201 Two from <input type="checkbox"/> 202 <input type="checkbox"/> 203 <input type="checkbox"/> 624 <input type="checkbox"/> 701 <input type="checkbox"/> 706		
Signal Processing	<input type="checkbox"/> P <input type="checkbox"/> B	Take <input type="checkbox"/> 233 Two from <input type="checkbox"/> 234 <input type="checkbox"/> 421 <input type="checkbox"/> 431 <input type="checkbox"/> 520 <input type="checkbox"/> 640 <input type="checkbox"/> 644		
Digital Systems	<input type="checkbox"/> P <input type="checkbox"/> B	Take <input type="checkbox"/> 501 <input type="checkbox"/> 511 and <input type="checkbox"/> 603		
Communications	<input type="checkbox"/> P <input type="checkbox"/> B	Both <input type="checkbox"/> 241 and <input type="checkbox"/> 243 One from <input type="checkbox"/> 244 <input type="checkbox"/> 444 <input type="checkbox"/> 446		
Advisor Notes				

4. Additional Elective Courses in Focus Area and other Areas in Electrical Engineering:

Recommended and approved by the graduate program advisor.

Note that the complete program must include a minimum of 27 units of ECEN courses.

<u>Course</u>	<u>Units</u>	<u>Grade</u>

<u>Course</u>	<u>Units</u>	<u>Grade</u>

5. Transfer Credits:

All transfer credit must be approved by your advisor. Maximum TC credit 9 quarter units or 6 semester units. BS/MS students can transfer up to 20 units from their undergraduate degree. The approved transfer units cannot be used toward a prior degree. *Only those courses completed with a B grade or higher will be eligible for transfer credit. Extension, continuing education, and online courses are not acceptable for transfer credit.*

<u>Institution</u>	<u>Course</u>	<u>SCU Equivalent</u>	<u>Units</u>	<u>Grade</u>	<u>Year</u>

**GRADUATION REQUIREMENTS**

<b>TOTALS</b>	
Transfer Units (1 semester unit = 1.5 quarter units) (9 quarter units maximum)	
Total SCU Units	
Total Units (46 quarter units minimum)	
Current Cumulative GPA	

I understand that it is my responsibility to:

- Ensure the transcripts for transfer credits are sent to the Graduate Services Office.
- Obtain my advisor’s approval and signature of this program and of any subsequent changes needed.
- Complete the program as approved with a minimum of 46 units and a 3.0 cumulative GPA with no grade below C-.

Student Signature/Date: \_\_\_\_\_ / \_\_\_\_\_

Advisor Name (print): \_\_\_\_\_

Advisor Signature/Date \_\_\_\_\_ / \_\_\_\_\_