



Program of Studies

Electrical & Computer Engineering MS

Name: Student SCU #

First Last

Expected Graduation Date:

PROGRAM TYPE (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.**

Graduate Core Area	Course #	Course Title	Units	Grade
Engineering and Society				
Professional Development				

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

Course #	COURSE TITLE	Units	Grade

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. Circle track and courses

Area	Primary(P)/ Breadth(B)	Required Courses	Units	Grades
Power Systems and Control	P B	Either ECEN 236 or 281E Two courses from ECEN: 231 237 333		
IC Design and Technology	P B	Three courses from ECEN: 252 261 270 387		
RF and Applied Electromagnetics	P B	6 units from ECEN: 201 706 715E		
Signal Processing & Machine Learning	P B	6 units from ECEN: 233 233E 234 421 431 520 640 644 (Note: ECEN 233 is equivalent to 233 and 234 and credit will only be allowed for one equivalent course)		
Digital Systems	P B	Take ECEN 501 511 603		
Communications Systems and Information Theory	P B	Take ECEN: 241E 4 units from ECEN: 244 244E 444 (Note: ECEN 244E is equivalent to 244 and 444 and credit will only be allowed for one equivalent course)		
Advisor Notes				

4. **Additional Elective Courses in Focus Area and other Areas in Electrical Engineering:** Recommended and approved by the graduate program advisor. May include up to 6 units of Ecen 299 and/or 9 units of Ecen 297 but cannot exceed 9 units in total

Course	Units	Grade

Course	Units	Grade

5. **Transfer Credits:**

A maximum of 9 quarter units or 6 semester units may be transferred from another accredited institution. Only courses completed with a grade of C- or higher are eligible for transfer credit. Extension, continuing education, and online courses are not accepted. BS/MS students may transfer up to 20 graduate-level units completed while pursuing their BS degree.

Institution	Course	SCU Equivalent	Units	Grade	Year

GRADUATION REQUIREMENTS

<u>TOTALS</u>	
<u>Transfer Units</u> (1 semester unit = 1.5 quarter units) (9 quarter units maximum) (BS/MS 20 units maximum)	
<u>Total SCU Units</u>	
<u>Total Units</u> (46 quarter units minimum)	
<u>Current Cumulative GPA</u>	

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 _____ / _____