



Program of Studies

Computer Science & Engineering MS

(New Requirements – 46 Units)

Name: **Student SCU #**

First Last

Email: **Expected Graduation Date:**

PROGRAM TYPE (CHECK ONE): ☐ NEW ☐ UPDATED ☐ FINAL

1. **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. Students who have an undergrad degree from SCU can transfer up to 12 units from their undergrad degree. The approved transfer units cannot be used toward your undergraduate degree.) Please attach an additional sheet if you have more than 3 classes to transfer. *Only those courses completed with a C 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>

2. **Enrichment Experience:** (8 units).

Must take at least 2 courses (minimum 4 units) from the 3 graduate core areas. 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>
Emerging Topics in Engineering				
Engineering and Business/Entrepreneurship				
Engineering and Society				

Remaining 4 units completed by one of the following. Please choose one and list courses below:

- ☐ One or more technical electives ☐ Cooperative Education courses (ENGR 288/289)
- ☐ Additional classes from Graduate Core ☐ Combining courses from (a), (b), (c)

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>

3. **Foundation Courses:** Mark the courses (or equivalences) with “√” the student is required to take at SCU.

Note: Labs are not required.

<u>Course</u>	<u>Units</u>	<u>Grade</u>
**COEN 920C (Embedded Systems & Assembly Lang)		
**COEN 921C (Logic Design)		
**COEN 912C (Abstract Data Types & Structures)		
AMTH 240 (Discrete Math)		
AMTH 210 (Probability I)		
One of the following: **AMTH 106, AMTH 220 and 221, AMTH 245 and 246		
Advanced Programming		

****These courses do not count toward the MS unit degree requirement.**

4. **Computer Science and Engineering Core Courses:** Mark the courses (or equivalences) with “√” the student is required to take. If the course is **not required** mark “W” for waived. If the student is required to take COEN 313, 379, and/or 383 in place of any of the core courses below, please list them in section 5.

COEN 210 _____ (4 units) COEN 279 _____ (4 units) COEN 283 _____ (4 units)

5. **COEN Courses at 300 level and above:** MINIMUM OF 8 UNITS

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>

6. **Other Elective Courses:** Maximum number of non-COEN graduate units allowed is 10 units, including those from sections 2 and 3.

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>

GRADUATION REQUIREMENTS

<u>TOTALS</u>	
<u>Transfer Units</u> (1 semester unit = 1.5 quarter units)(9 quarter 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 _____ / _____