



Program of Studies Artificial Intelligence MS

Name: Student SCU #
First Last

Expected Graduation Date:

POS VERSION (CHECK ONE):

☐ NEW

☐ UPDATED

☐ FINAL

AREA OF FOCUS (CHECK ONE):

☐ COMPUTER SCIENCE AND ENGINEERING

☐ ELECTRICAL COMPUTER AND ENGINEERING

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	ENGR 344	Artificial Intelligence and Ethics	2	
Professional Development				

2. AI Core Class:

<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>
AMTH 250	Fundamental Mathematics for Artificial Intelligence	4	

3. AI Foundational Courses:

Students must complete at least 12 units of approved courses for CSEN track or 13 of approved courses for ECEN track

	COMPUTER SCIENCE AND ENGINEERING TRACK FOUNDATION COURSES		
<u>Course #</u>	<u>Course Title</u>		<u>Grade</u>
CSEN 240 OR ECEN 520	Machine Learning	4	
CSEN 266	Artificial Intelligence	4	
CSEN 342 OR ECEN 521	Deep Learning	4	

OR

	ELECTRICAL AND COMPUTER ENGINEERING TRACK FOUNDATION COURSES		
<u>Course #</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>
AMTH 370	Optimization Techniques I	2	
ECEN 520 OR CSEN 240	Machine Learning	4	
ECEN 521 or CSEN 342	Deep Learning	4	
ECEN 522	Reinforcement Learning	3	

4. Advanced AI Electives:

Students select from the approved list of AI elective courses from the CSEN or ECEN track to deepen technical expertise and proficiency in AI. Minimum 16 units

<u>Course #</u>	<u>Course Title</u>	<u>UNITS</u>	<u>GRADE</u>

Advanced Electives Continued

Course #	Course Title	UNITS	GRADE

5. AI Practicum or Thesis: 2 Quarters of Csen 495/497 or Ecen 495/297. (3 units per quarter with a minimum total of 6 units)

Course #	Course Title	UNITS	GRADE

6. Free Electives:

Course #	Course Title	UNITS	GRADE

7. 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.

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

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: _____ / _____

Peer Advisor Signature/Date _____ / _____

Advisor Name (print): _____ / _____

Advisor Signature/Date _____ / _____