



Program of Studies Electrical Engineering Master's Degree Area: Electronics

NAME: **STUDENT SCU #**.....
LAST FIRST MIDDLE

EMAIL: **CIRCLE ONE:** **NEW PS** **UPDATED PS**

HOME PHONE: **EXPECTED GRADUATION DATE:**.....
Area code

1. Graduate Core Requirements (min. 6 units), See descriptions in Chapter 4, Academic Information:

- Emerging Topics in Engineering _____
- Engineering and Business/Entrepreneurship _____
- Engineering and Society _____

2. Applied Mathematics (4 units required)

<u>DEPT.</u>	<u>CATALOG #</u>	<u>COURSE TITLE</u>	<u>UNITS</u>	<u>DEPT.</u>	<u>CATALOG #</u>	<u>COURSE TITLE</u>	<u>UNITS</u>
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3. Electrical Engineering Core Focus Area: Electronics (required)

Choose 1 from each of these three groups:

<u>Dept.</u>	<u>Catalog #</u>	<u>Course Title</u>		<u>Catalog#</u>	<u>Course Title</u>	<u>Units</u>	
ELEN	252	Analog Integrated Circuits I	OR	387	VLSI Design I	2	_____
ELEN	261	Fundamentals of Semiconductor Physics	OR	264	Semiconductor Device Theory I	2	_____
ELEN	500	Logic Analysis and Synthesis	OR	603	Logic Design using HDL	2	_____

4. Core Breadth: Systems and Communication & Microwave (2 units required from each area)

<u>Dept.</u>	<u>Catalog #</u>	<u>Course Title</u>	<u>Units</u>	<u>Dept.</u>	<u>Catalog #</u>	<u>Course Title</u>	<u>Units</u>
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Systems: ELEN211, 216, 217, 219, 223, 226, 230, 230E, 231, 232,233, 233E, 234, 235, 236, 237, 329, 330, 333, 334, 337, 338, 339, 421, 422, 423, 431, 431E, 432, 433, 439, 460, 461, 462, 640, 641, 642, 643, 644, 645

Communication and Microwave: ELEN201, 202, 241, 242, 243, 244, 345, 347, 443, 444, 445, 446, 447, 701, 705, 706, 711, 712, 714, 715, 716, 717, 725, 726

Advisor's initials/date _____

Additional Elective Courses in Focus Area and other Areas in Electrical Engineering

<u>DEPT.</u>	<u>CATALOG #</u>	<u>COURSE TITLE</u>	<u>UNITS</u>	<u>DEPT.</u>	<u>CATALOG #</u>	<u>COURSE TITLE</u>	<u>UNITS</u>

TRANSFER CREDIT REQUESTED

<u>Institution</u>	<u>Course # & Title</u>	<u>SCU Equivalent</u>	<u>Units</u>	<u>Grade</u>	<u>Year completed</u>

- One official transcript is sent to the Graduate Services Office by the registrar of the other Institution (s).
- Transcripts must indicate that transfer units were not used to satisfy other degree requirements.
- **Extension or continuing education units are not accepted for transfer credit.**
- Credit will not be allowed for courses that duplicate prior work.

Transfer units (1 semester unit = 1.5 quarter units): (9 quarter units maximum)

Total SCU units: (not including prerequisite courses)

Total Units: (45 quarter units minimum)

I understand that it is my responsibility:

- 1. To ensure that transcripts for transfer credits are sent to the Graduate Services Office.***
- 2. To obtain my advisor's approval and signature of this program and of any subsequent changes needed.***
- 3. To complete the program as approved with a minimum of 45 units and 3.0 GPA.***

Student's signature

DATE

Print Advisors Name

Advisor Signature

Date