

M.S. / Ph.D. Degree Planner: Applied Electromagnetics (EC92) – 2018-2019

Minimum of 12 units (Plan 1) or 16 units (Plan II) must be 201+ ECE courses that must count towards your degree. All courses counted towards the degree must be taken for a letter grade.

Core Coursework (12 Units)

ECE 222A-B-C-D	Antennas, Electromagnetic Theory, Computational Methods, Advanced Antennas
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Quarter / Core Course	

12 additional units selected from the following:

ECE 222A-B-C-D**	Antennas, Electromagnetic Theory, Computational Methods, Advanced Antennas
ECE 264A-B-C	Analog Circuits
ECE 265A-B-C	Communication Circuits
ECE 240A-B-C	Photonics
ECE 212AN-BN-CN	Nano Science
ECE 230A-B-C	Solid State Electronics
ECE 236A-B-C	Semiconductor Materials
ECE 254A-B-C	Digital Communications
ECE 251A-B-C	Signal Processing

Quarter / Additional Units	
Total: 12 units	

** A course not counted in core coursework may be counted here

Technical Electives (24 units)

- Any 4 unit, 200+ course from ECE, CSE, MAE, BENG, CENG, NANO, SE, MATS, MATH, PHYS or CogSci taken for a letter grade may be counted. Exceptions to this list require departmental approval.
- Up to 12 units of undergraduate ECE coursework (ECE 111+ only*) OR up to two 4-unit course of undergraduate ECE coursework (ECE 111+ only*) and one 4-unit course of CSE undergraduate coursework (CSE100+ only**) may be counted.
- MS students (Plan II) are allowed no more than 4 units of ECE 299 (research units) as technical electives. PhD and MS students (Plan I) are allowed no more than 8 units of ECE 299 as technical electives.

Quarter / Tech. Electives	
Total: 24 units	

* Not including ECE 195, 197, 198, 199 or 298

** Not including CSE 123A, 140, 140L, or 143

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Advisor's Signature _____ Date _____

Print Student Name (Last, First) _____ UCSD Email _____ PID _____