

**M.S. / Ph.D. Degree Planner: Communication Theory & Systems (EC77) – 2018-2019**

**Core Coursework (8 Units):**

ECE 250	Random Processes
ECE 269	Linear Algebra & Applications

Quarter / Core Course	
	ECE 250
	ECE 269
Total: 8 units	

**16 additional units, at least one course from each section:**

ECE 255A-B-C	Information Theory, Source Coding, Network Information Theory
ECE 257A-B-C	Multiuser Comm. Sys., Principles of Wireless Networks, Stochastic Wireless Networks Models
ECE 258A-B	Digital Communication
ECE 259A-B-C	CODING: Algebraic, Probabilistic, Advanced Topics

Quarter / Additional Units	
Total: 16 units	

**Technical Electives (24 units)**

- Any 4 unit, 200+ course from ECE, CSE, MAE, BENG, CENG, NANO, SE, MATS, MATH, or PHYS 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.
- With the exception of research units, all courses counted towards the degree must be taken for a letter grade.

Quarter / Tech. Electives	
Total: 24 units	

\* Not including ECE 195, 197, 198, or 199  
 \*\* Not including CSE 123A, 140, 140L, or 143

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Advisor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Print Student Name (Last, First) \_\_\_\_\_ UCSD Email \_\_\_\_\_ PID \_\_\_\_\_