

M.S. / Ph.D. Planner: Communication Theory & Systems / Magnetic Recording (EC77)

COURSE REQUIREMENTS

Core Coursework (eight units)

ECE 250 Random Processes
ECE 269 Linear Algebra

Core Course	
	ECE 250
	ECE 269
Total: 8 Units	

Sixteen additional units, at least one from each of the following sequences

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

Additional Courses	
Total: 16 Units	

Technical Electives (twenty-four units)

- With the exception of research units, all courses counted towards the degree must be taken for a letter grade.
- 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 two 4-unit courses of undergraduate ECE coursework (ECE 111+ only) and one 4-unit course of undergraduate CSE coursework (CSE 100+ only)
- M.S. Students (Plan II) are allowed no more than 4 units of 299 as technical electives
Ph.D. and M.S. Students (Plan I) are allowed no more than 8 units of 299 as technical electives.

Technical Electives	
Total: 24 Units	

Curriculum Advisors: **Massimo Franceschetti**
Phone no.: 858-822-2284
E-mail: mfranceschetti@eng.ucsd.edu
Office no.: Atkinson Hall 4302

Advisor's Signature

Date

Student Name

PID