

- ❖ Minimum of 12 units (Plan I) 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, with the exception of research units.
- ❖ Students **CANNOT** repeat a course unless they earned a D, F, U, or W grade. If you'd like to repeat a course, please submit the [online form](#). More information about how to repeat a course can be found [here](#).
- ❖ Must meet the Academic Residency requirement. More detailed info can be found [here](#).

Core Courses (8 Units)

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|---------|------------------------------|
| ECE 250 | Random Processes |
| ECE 269 | Linear Algebra & Application |

| Quarter/Core Courses | |
|-----------------------|---------|
| | 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 ECE 257C | Modern Communication Networks Stochastic Wireless Networks Models |
| ECE 258A-B | Digital Communications I, II |
| ECE 259A-B-C & ECE 257B | Algebraic Coding, Probabilistic Coding, Advanced Topics in Coding, Principles of Wireless Networks |

| Quarter/Add. Courses | |
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| Total: 16 Units | |

Technical Electives (24 Units)

- ❖ Any 4 unit, 200+ course from ECE, CSE, MAE, BENG, CENG, NANO, SE, MATS, MATH, PHYS or COGS 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 courses of undergraduate ECE coursework (ECE 111+ only*) and one 4-unit course of CSE undergraduate coursework (CSE 100+ only**) may be counted.
- ❖ M.S. students (Plan II) are allowed no more than 4 units of any Jacobs School of Engineering Research units as technical electives. Ph.D. and M.S. students (Plan I) are allowed no more than 8 units of research as technical electives.
 - ECE 299, CSE 298/299, MAE 299, BENG 299, NANO 299, SE 299

* Not including ECE 195, 197, 198, 199, 210 or 298

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

*** Seminar courses cannot count towards your degree

| Quarter/Tech. Electives | |
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| Total: 24 Units | |

Curriculum Advisor

EC77 Advisor: Dinesh Bharadia
Email: dbharadia@ucsd.edu
Phone: (858) 822-0168

Role: Advises graduate students regarding course selection; Considers any exception requests requiring faculty approval; Signs forms; Technical engineering related questions & job advice.

PLEASE CONTACT [YOUR STAFF ADVISOR](#) FOR ALL OTHER ISSUES.