M.S. / Ph.D. Degree Planner: Applied Physics—Electronic Devices & Materials (EC76) 2020-2021

- Minimum of 12 units (Plan 1) or 14 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.
- Note that ONLY 100+ courses will count towards your overall GPA.
- 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.

### Core Coursework (12 Units):

| ECE 230A-B-C | Solid State Electronics I, II, III |

### Technical Electives (12 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 (CSE 100+ 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.
- All courses counted towards the degree must be taken for a letter grade.
- * Not including ECE 195, 197, 198, 199, 298
- ** Not including CSE 123A, 140, 140L, or 143

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**Curriculum Advisor:** Shadi Dayeh  
**Curriculum/Faculty Advisor:** Advises M.S. students regarding course selection; Considers any exception requests requiring faculty approval (such as course substitutions); Sign forms; Technical engineering related questions & job advice- **PLEASE CONTACT YOUR STAFF ADVISOR FOR ALL OTHER ISSUES.**