

MASTER OF ENGINEERING

Degree Requirements and Completion

The Master of Engineering (M. Eng.) program is intended primarily for engineers who desire master's-level work but do not intend to continue with Ph.D.-level research. Salient features of the M. Eng. program include the following:

- ✓ it can be completed in four quarters at full-time or twelve quarters at half time;
- ✓ it does not require a thesis, a research project, or a comprehensive exam; and
- ✓ it has an option of three courses in business, management, and finance.

****See an ECE Graduate Student Affairs Advisor to obtain the relevant forms and check submission deadlines and process****

Course Requirements:

The *Final Report for the Degree of Master of Engineering* form **must be submitted by the last day of the quarter in which you will receive your degree**. This form may be filed anytime during your last quarter of enrollment. Filing early in quarter is encouraged.

When completing the Final Report, only courses required for M. Eng. should be listed - thirty-six (36) units, which must all be at the graduate level (the total course requirements for ECE is forty-eight units). Refer to your *Degree Planner Form*, which may be obtained from the Graduate Student Affairs office or the ECE website:

<http://www.ece.ucsd.edu/grad/sadvisors/> (if you have not done so, complete a Master of Engineering Degree Planner Form).

- The Focus Requirement: The course selection must include at least twenty (20) units / five (5) quarter courses from within one of the focus areas. In some cases it may be appropriate to select five closely related courses from two of the focus areas. Such cases must be approved by a faculty advisor and the ECE Graduate Affairs Committee.
- The Breadth Requirement: The minimum breadth requirement is eight (8) units / two (2) quarter courses of ECE/CSE graduate courses selected from among the courses within the focus areas, in an area distinctly different from that of the focus requirement.
- Technical Electives: Two (2) technical electives may be any graduate courses in ECE, CSE, Physics, or Mathematics. Other technical courses may be selected with the approval of the faculty advisor and the ECE Graduate Affairs Committee. Technical electives may include a maximum of four units of ECE 298 (Independent Study), or ECE 299 (Research).
- Professional Electives: The three (3) professional electives may be used in several ways: **NOTE:** Use of other courses to satisfy the Professional Elective requirement must be approved by the faculty advisor.
 - i. for the IP/Core 401, 420, 421 series in business, management, and finance;
 - ii. for upper-division undergraduate technical courses specified as prerequisites for graduate-level focus, breadth, or technical elective courses taken to satisfy the M. Eng. degree requirements; or
 - iii. for additional graduate technical electives.

Scholarship Requirements:

- The forty-eight (48) units of required course work must be taken for a letter grade (A-F), except for ECE 298 or 299, for which only S/U grades are allowed. Courses for which a D or F is received may not be counted.
- You must have a GPA equivalent to 3.0 overall or above in upper division and graduate course work, with a total of no more than eight units of "F" and/or "U" grades.