Requirements for Graduate Computer Engineering Degrees
in the Department of Electrical & Computer Engineering

A. MASTER OF SCIENCE IN COMPUTER ENGINEERING (Thesis Option)
   1. Total number of hours (32)
      A minimum of 24 classroom hours (Excludes 681, 684, 685, & 691).
      A minimum of 21 classroom hours from the College of Engineering and
         College of Science
         College of Engineering
         College of Science
   2. Transfer hours allowed from another institution (6)
   3. Max undergraduate hours (9 hours / 3 courses 400 only).
   4. Special problems, seminar, and thesis (681, 685, & 691)
      8 hours maximum of these courses
      4 hours minimum of 691
      1 hour of seminar is allowed (ECEN/CSCE 681) but is
         NOT required
   5. Composition of committee (at least 3)
      At least 2 within Computer Engineering Group from ECEN
      At least 1 not in the student's department
   6. Additional course requirements are listed below.

B. MASTER OF ENGINEERING IN COMPUTER ENGINEERING (Non-Thesis Option)
   1. Total number of hours (30)
      A minimum of 27 classroom hours (Excludes 681, 684, & 685) from
         College of Engineering
         College of Science
         College of Business(at most one course, and only from the INFO Dept.)
      A minimum of 24 classroom hours the
         Departments of Computer Science and Engineering and
         Electrical and Computer Engineering
         At least 13 of these 24 hours must be in Electrical & Computer
         Engineering Department.
   2. Transfer hours allowed from another institution (6)
   3. Max undergraduate hours (9 hours / 3 courses 400 only)
   4. One hour of seminar is allowed (ECEN/CSCE 681) but is NOT required.
   5. No more than 3 hours of ECEN 684 and 685.*
   6. A report is required in at least one of the EE or CS courses.**
   7. Students may petition for exemption from the final oral
      with the approval of the student's Committee Chair.
   8. Composition of committee (at least 3)
      At least 2 within Computer Engineering Group from ECEN
      At least 1 not in the student's department

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9. Additional course requirements are listed below.

*Normally, one hour of ECEN 684 is allowed for a summer internship. Additional credit may be possible based upon the level of involvement of the supervising professor.

**This report must be presented either prior to the approval of an application for exemption from the final oral exam (requires a minimum GPR of 3.0), or at the time of the final oral exam.

C. Ph.D. IN COMPUTER ENGINEERING

1. Total number of hours (64 beyond the MS or 96 beyond the BS)
   A minimum of 42 classroom hours beyond the BS Degree (Excludes 681, 684, 685, & 691); a maximum of 24 of these hours can be from previous graduate work.
2. Max undergraduate hours (8 hours / 2 courses 400 only).
3. Two hours of seminar is allowed (ECEN/CSCE 681) but is NOT required.
4. Composition of committee (at least 4)
   At least 2 within Computer Engineering Group from ECEN
   At least 1 not in the student’s department
   At least 1 not in CE Group, but in ECEN department
5. Additional course requirements are listed below.

ADDITIONAL COURSE REQUIREMENTS

- STAT 651 and STAT 652 (statistics courses) are for non-science majors and are not allowed. Traditionally no courses will be admitted from Engineering Technology because of the non-calculus based curriculum and no approved graduate program.

- Credit for both CSCE 614 and ECEN 651 is not allowed. CSCE 614 is only allowed in special circumstances with the advisor’s approval.

- Credit for CSCE 619 and CSCE 612 may not be allowed in addition to ECEN 602. Please check with your advisor.

- No credit will be given for CSCE 601 & 602.

- No credit will be given for the following foundation courses ECEN 214, ECEN 248, ECEN 314, ECEN 325, ECEN 350, CSCE 321, ECEN 449, CSCE 211 and CSCE 311.