REQUIREMENTS FOR THE MASTER OF SCIENCE  
COLLEGE OF ENGINEERING  
THE UNIVERSITY OF OKLAHOMA

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### REQUIRED COURSES

**Core Courses (18 hours for thesis; 21 hours for non-thesis):**

- **Systems (6 hours):** Two graduate-level courses with 3 credits each in Systems, as approved by the Graduate Liaison of the School of Computer Science.

- **Theory (6 hours):** Two graduate-level courses with 3 credits each in Theory, as approved by the Graduate Liaison of the School of Computer Science.

- **Applications (6 hours):** Two graduate-level courses with 3 credits each in Applications, as approved by the Graduate Liaison of the School of Computer Science.

- **Seminar (0 hours for thesis; 3 hours for non-thesis):** Non-thesis only: 3 credit hours of CS 5990 Independent Studies or a 3-hour seminar course in Computer Science as approved by the Graduate Liaison of the School of Computer Science.

- **Electives (6 hours for thesis; 12 hours for non-thesis):** Any Computer Science graduate class (including MATH G4743, MATH G4753, MATH G4073, or ECE courses at the G4000 level or higher), as approved for the accelerated program by the Graduate Liaison of the School of Computer Science.

- **CS 5980 Research for Master’s Thesis (Thesis students only):** 6

The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. All non-thesis master’s degree programs require at least 32 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may not be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

Up to 12 hours may be double counted (shared) between the B.S. and the M.S. degrees, including the required courses CS G4413 Algorithm Analysis and ECE G4613 Computer Architecture.

No more than three courses at the CS G4000 level are permitted.

No more than 3 credit hours of CS 5990 are permitted.

No more than 6 credit hours of CS 5973 are permitted (even with a change in subject).

A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.